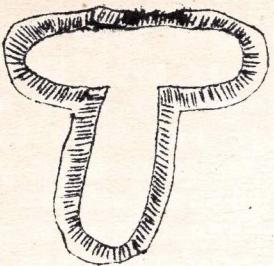
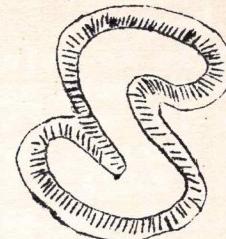


# TRI STATE AMATEUR RADIO SOCIETY



Published monthly, as it's official organ, by the "Tri State Amateur Radio Society at 1321 South Governor St, Evansville 13, Indiana. Affiliated with the American Radio Relay League.



Devoted to improve the Amateur Radio Operator.

January 1949 Clifford C. McGuyer, W9DGA Editor. Vol 2 Number 1, 1949  
Advertising, R Barnett, W9UIA, Circulation, Jim Barrow, W9CVNXXXXXX

## EDITORIAL

It seems as if some person or persons of this Society didn't care for the Editorial I had in the Nov issue, in that I mentioned a few calls for prospective Society officers. If there are any complaints, why can't said persons give complaints to me as my telephone number is always listed on each issue of TS. As I stated in the Editorial, I was trying to get the members to think about the election and to give some thought to the subject. I would be glad to turn over to anyone the task of publishing TS. AS long as I am editor of TS, I will write editorials as I see fit.

The Society is now begining it's third year, and after two years of shakedown, we seem to have the same persons attending meetings. These persons numbering about 40, and are paying their dues to sustain the Society. I understand our new President, W9UMS has some new ideas on meeting programs. He also promises some type of membership drive. I hope he plahs to have the Society take an active interest in the coming field day. As this comes rather early in the summer, we might have a combination picnic, and field day in addition to the annual fall picnic. Give it some thought and see the president on your ideas. Our DX Editor also has some new plans for his "DX Dogs". A revised listing and some type of certificate or/and endorsements are just a few of his ideas to increase your interest in his DX column. Work your DX, then send report to Carty

## "AS I SEE IT"

By Albert Schoettlin, W9UMS, Pres.

The third anniversary of the TARS is rapidly approaching. As I see it our organization has resolved itself through the efforts of our past officers and directors, into a Society with good prospects for a brilliant future.

It is my sincere hope that the end of 1949 will see an even greater, and more active, more closely knit Society than ever before. The Board of Directors and Officers met for three hours at my house on 5 Jan and many matters pertinent to the Society were discussed. These subjects will be briefly outlined at the next meeting. Let's everybody try to attend the next meeting and bring a prospective member, or an old member who is not a regular attendant at meetings. The program will be something different, in that the Evansville Dealers in amateur supplies will at our request, sponsor an auction. Our "Own" John Clements will conduct the auction so bring your pocketbooks and buy that piece of equipment at your own price. There will also be a presentation of some new interesting facts, relative to the Society, that will be of interest to both Amateurs and those just interested in Amateur Radio, plus a treasurer's report and a presentation of Committee chairmen.

At this time I would like to thank all members I contacted re-

lative to their serving as committee chairmen. Not one refused and all expressed their desire to do all possible for the betterment of the Society. In particular I would like to point out that "MAC" W9DGA has again agreed to edit and publish TS, with the assistance of James O Barrow, W9CVN, and Ralph Barnett, W9UIA. Your doing a fine job fellows and we all appreciate it.

#### "YOUR SECRETARY"

By Fred Sawyer, W9FJI.

With this issue, our Society is starting a New Year. As with everything else, that old proverb "Together we stand, divided we fall" applies to Radio Societies. I am sure our membership all desire to see the Society continue and to grow in size and in service to all. With the help of everyone, we can see 1949 go out in time with these aims accomplished.

Your secretary, having been forewarned of all the tasks connected with the new job, has laid away all projects on hand, until actual experience shows enough time will be left over to work on the. Any help you fellows can give me on news or interesting happenings will certainly give us a lift. Call 4-6086 with the latest dope, before 9 PM please. We want to make up a list of at least ten subscribers to QST in order to get the reduced rate so if yours is due or nearly so, give your name to me at the next meeting..

#### "CAMPUS CHATER"

By E. Oran Toole, W9NZK.

The electronics club out on the campus went into a huddle and came up with new officers for the current quarter. Chief operator is now Bill Driggers, W9DDV, Fred Davison, W9LOL, and Bill "sweating out ticket" Bahr are handling the secondary and tertiary controls. A two meter rig is being readied for operation soon, and a motor is on order for W9NVN. Bill Bahr has been bringing the QSL file up to date. Hope you good luck.

#### "ABOVE 50 MC"

By Ralph Barnett, W9UIA, WQKB.

The first of each year is the time for looking back over the last year to see if we really have accomplished anything, and then to resolve to get more done this year. We hope our enthusiasm for the VHF and UHF bands may encourage more of you to give them a try this year. Although 6 meters wasn't open for E's skip many times last year, we managed to raise our total to 36 states. We still need a lot of help in more activity on this very good band. Two meter activity is picking up. W9UNT, W4LLR and W9UIA have been keeping regular skeds on 2 at 7PM each evening. We expect many more stations on 2 in the near future. No activity yet on 220 Mc. Last fall we made contacts up to 12 miles on 420 mc. W9UNT and I have been keeping checks on 420 and have found out that we can make Q5 S9 contacts over the 5 mile path from his QTH to mine at anytime. That's with four watts input to a modulated oscillator. We need a lot of help from some experimentally minded ham on this frequency. Let's go to VHF and UHF in '49. You'll find more enjoyment and learn more for your money on one VHF band than all the other bands put together. (Hummm -Ed.)

#### "STATION ACTIVITIES"

By Fred Sawyer, W9FJI.

Our DX-ing SWL-John Ganley at Boonville is setting up a wire recorder outfit-any you guys want to hear your voice-see John. John's on the 3rd shift at IHC now-missing out on his DX-ing. Earl, W8TFG visited W9FJI recently-a good guesser on the other fellows beam. W9AZU had tough time lately-ran a drill into the winding of one of his FB selsyn motors. Everyone seemed to enjoy the Christmas Party(not the way I hear it. Ed). From the looks of the 316-A's arriving last week, several locals are going on 420 right soon. Continued next page.

W9RCD has finished his new speech deck-why doesn't someone answer his CQ's and tell him it sounds fine-as it really does. W9UNT has modified his rig to use CW, so look for him. He and ralph have been holding skeds on 420 as of late. No QRM there. W9FJI had his left hand cut open at IHG-taken five stitches. Earl, W9UNT said he might be able to conduct a code class 2 nites a week.

### \*\*\* " HOWS YOUR DX ? "

By E. Carty Cartwright W9 Q L W.

Activity has increased sharply in DX snooping as proven by reports coming in from the Tri-State Gang.

As usual W9HCF and W9UIA are running the rest of "Whos Who" ragged. Al pounded a lot of Brass late of nights on 20 to add a YN1, KW6, KP6, CR7, LA3, OZ7 to total 50 countries. This places him in 8th place. Ralph added three more over last month to insure 4th place, with a total of 68 and 55 confirmed. W9DGA who's worried over 9UIA's advance his KP6 QSL for 54 confirmed, and snagged CR7AP and W1WEC/KW6 for Nr's 61 and 62 total. W9GFO and W9BBC each added a lulu, an HS Siam, and ZC6 Palestine. Our up and coming prize ham, W9CVN who is QRM dodging and "Wimmin Huntin" snagged an SM3 for #8 to climb out of the Godfrey Hole.(basement-cellar). W9EJS stepped into "Whos Who" with 20 worked and 10 confirmed. Welcome and don't forget your reports each month. Pore Ole Bones, 9QLW knocked off a CR7 and VQ2 only to find that his total had increased by only one, to 78, when checking over his DX list. he discovered an error of one country too many. W9FJI sain he finally got his LU QSL. We hear W9MRR has 32 countries and 25 confirmed to keep his old 11th place since we heard from him last, he has made quite an addition to his total. Thanks Jake and come again each month. Mac W9DGA listed a flock of DX, the usual VK's ZL's pluss UA3KAV, CR7AP, CE3EO, HB9CX, HH2L, W0DPR/KL7 and Heard OE5YL and PZ1Z. Nice Going.

Forty meters has been very good for DX and if you can manage to hang around until 0130 the Europeans plus S Pacific stations are numerous. Have manage to total up 33 countries on 40 meters. Some of those lately are DA2AR, GM3AJV, I1OJ, OH3NB, ZL1CG, KG6DI and G2AVP.

Twenty meters has S Americans early in the evening, then Europeans and Africans from about 2100 to 2400 hours. If you need a ZS, ZE, CR, or VQ2 and VQ3, now is your chance. The South African DX Test starts Friday 21st 1801 to 1800CST 22nd , and same time Jan 28 and 29th The ARRL CW DX contest starts Feb 11 to 14th. And the Phone test on the 18th to 21.

We have had several request for listing "Who's Who" according to confirmed countries. Perhaps we can list zones also to satisfy all. Let me know and we can list them next month. Thanks for your contributions and lots of DX for 1949. Carty, W9Q L W.

### \*\*\*\*\* " WHO'S WHO ? " \*\*\*\*\*

		Wkd	QSL'd
1.	W9BBC	89	65
2.	W9GFO	82	63
3.	W9QLW	79	64
4.	W9UIA	68	55
5.	W9DGA	62	54
6.	W9EHU	56	24
7.	W9WNM	54	45
8.	W9HQF	50	39
9.	W9PNE	49	28
10.	W9AZU	35	24
11.	W9MRR	32	25
12.	W9EJS	20	10
13.	W9TBU	15	10
14.	W9GFS	15	10
15.	W9BFB	8	6
16.	W9CVN	8	3
17.	W9FJI	6	5

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James O Barrow, W9CVN, Circulation,  
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Next Meeting

26 January 1949

Y M C A

Amateur Radio Station.

# TRI - STATE AMATEUR RADIO SOCIETY

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February 1949 Clifford C McGuyer, W9DGA, Editor. Vol 2, Number 2, 1949

Advertising, R Barnett, W9UIA, Circulation, Jim Barrow, W9 C V N\*\*\*

## EDITORIAL

Our new Officers are really working hard at their jobs to make the Society bigger and better. They deserve all our support. If you have been slack on doing jobs that would build up the Society, resolve now to assist the Officers in everyway possible. Have you paid your dues? Ralph Barnett always has an empty pocket for your dues.

I have just received word that in the very near future a portion of the old 160 meter band will be returned to the hams. The ARRL has been hard at work for the past 2½ years trying to make this band open again to the hams. They deserve our thanks. Check WLAW for further information.

## "AS I SEE IT"

By Albert Schoettlin, W9UMS, Pres.

At our January meeting we had 38 persons in attendance. It is interesting to note that a good percentage of the members attending were old timers who we have not seen at meetings for some time. Lets hope these fellows will see fit to continue their activities with this society.

Don't forget the February meeting in the Engineering Bldg at Evansville College. The business meeting will be held in room 233. After the short business meeting we will have an opportunity of viewing a display of apparatus set up by Jim Sears, Prof of Physics at EC, and Bill Driggers, W9DDV.

This portion of the program

promises to be both unique and interesting. Please make every effort to be at the meeting by 730 P. Don't forget the \$5 Jack pot. Plans are underway to enter the Society in the coming ARRL Field Day. A successful F D will require operation on all bands, and the cooperation of each Ham and SWL member. Further details will be outlined at the February meeting. Bring along any suggestions you may have on this subject. Remember, fill out and turn in your application blank if you have not done so in the past.

## "YOUR SECRETARY"

By Fred Sawyer, W9FJI.

From the interest shown in the January meeting, it looks as though our Society will have a profitable year ahead, as the old saying, "Everybody helps, Everybody wins." Spread the word to everyone you know, for try as we will, we will always miss someone. Keep me posted on the expiration date of your QST. Club rate is \$3.60, the added dime is to take care of postage and money orders. Anyone interested in CQ?

Have had some complaints that no one is ever mentioned in the Indiana section of QST. Best way to get there is to let our SCM know what you are doing. He need help too, and speaking of help, I know of a half dozen SWL's who need more help than I can give them in the way of learning the code and Theory.

Our local supply men are to be congratulated on their splendid cooperation in making the auction

such a success. They certainly rate "HOW'S YOUR DX?" our return patronage. Interested in ARRL's booklet on Emergency Work? I have a good supply FREE, see me at the next meeting.

#### "ABOVE 50 MC"

By Ralph Barnett, W9UIA, WQKB.

Going on 2 and 6 this summer? Now is the time to start getting the rig on and planning the antennas as it won't be many more weeks till both 2 and 6 will be opening up.

We had a 6 meter sporadic E opening 6 Jan to Fla and Texas for about 2 hours. Then on 24 Jan for about 4 hours the 6 meter band was really open on Aurora skip. With beam pointed north we worked OHIO, Ky, Ind, Tenn, Wis, and Georgia. Also heard S Dak, and Minn. Working Georgia gave us our 37th state on 6.

W9UNT, W4LLR, and myself are still keeping the 2 meter band hot at 7 PM every nite. We still need more help. Our 815 PM sked paid off 17 Jan with a short contact with Shepardsville, Ky. We also made contact with W9JMS, Cory, Ind. on 12 Jan. Both nearly 100 miles from E town. Transmitter was ten watts and a 4 element beam. W9UNT has his neutralized 6J6 pre-amp working on 2 now. W4LLR has a pair of 24G's as Class B Linear on 2, but has had trouble with feed line breaking.

We are still looking for W9PNE and W9GWL on either 2 or 6.

#### "CAMPUS CHATTER"

By Earle Oran Toole, W9NZK \* \* \*

The Electronics Club's newest ticket holder Bill Bahr, W9GHK, received his license and a new junior op all in the same week. He is pounding brass on 40 now. The program committee is trying to figure out how the TARS would like to be entertained on their visit. Rumor has it that Pres 9DDV has been seen in fast company with Neilson-Hornung. W9NZK was appointed emergency coordinator for the club. CU at the next meeting here at Evansville \*College.

NEXT MEETING. 23 February 1949.

Time 730 PM. Place. Room 233.

Evansville College. Come All.

"H O W S Y O U R D X ?"  
By Earle "Carty" Cartwright, W9QLW.

20 meters has "arrived". DX is rolling in, the whos who total is mounting and a lot of sleeping time is going unslept. According to W9UIA, and W9GFO, ten meters has been hot at intervals. W9HQF, W9DGA, and W9QLW are losing sleep on 14 mc. From 2300 to 0400 the Russians, Africans, Oceana, and the Europeans are becoming numerous.

The past week saw quite a few africans on during the South African contest. Incidentally the ARRL DX \*contest starts its second week in March, CW 11-13 and fone 18-20.

"Whos Who" shows quite a few changes, for the good, that is. W9HQF who says he can't get anything new like the rest of the gang comes up again with the greatest gain with 9 new countries and two new ones confirmed, to move up into sixth place. Al \*snagged ZK1, Fo8, KX6, VP5, OH3, OQ5, OE1, and ZD8B, which is a lulu. We had Al listed incorrectly as 39 verified but we are informed the total is now 37. W9DGA held 5th place with seven new ones. CT1, HK3, FE8, Fo8, VP5, UC2BC, OE1FF, (Looks like the competition from W9UIA has gotten some results). Mac lost one country tho. A double check revealed a KC4 was worked prewar. The "Ole Man" 9QLW, spent long hours to eke out 8 new ones. Moving into the second spot with UC2AF, GM3ANO/VP5, Fo8, KH6/VR4, TA3, ZE2, UD6, and Vp3. Carty added two to the verified total for 66, with ZB1AS and CR7AP. QSL's received for 40 meter QSO's from GM3AJV and OH3NB. Worked TA3GVU, FA9RW, OE1FF, and VR5PL.

Ralph 9UIA held onto fourth place with two new countries and two QSL's. Got a nice report from La Rue 9EJS, who altho not primarily a DX man, has at present a ZL, ZS, G, D, DA, KX6 and E17A for a total of 22 worked and 12 confirmed. Most of the operation with 25 watts. W9CVN dug a ZL1, XE and VK out of QRM on 40 to move up one notch. 9EHU received a KL7 QSL for 25 confirmed total. Cosmo, W9EVR entered Whos Who with 6 and 3. Welcome and keep us posted.

W9GFO, is in the process of checking his QSL cards for Countries, and Zones, so mebbe he will have more countries after the ARRL DX contest. Haven't heard from Vic, W9BBC, Andy, W9PNE or W9WNM. How about it fellows, whats new in DX?

I suppose you notice the two listings. We hope to stimulate interest and more entries in "Whos Who". The listings are similar to those listed in QST, and CQ. Would appreciate your zones, worked and confirmed.

We are having certificates made for awards to anyone showing proof of 25 countries confirmed post-war. Awards will be given for each 25 confirmed or for the first 25, and a sticker for each succeeding 25. At present there are three stations eligible for 50 or better. W9UIA, W9DGA, and W9QLW. To apply you show me the required QSL cards, all post-war, and you'll then be on the receiving end of a beautiful Certificate.

#### "WHO'S WHO?"

	QSL'd	Wkd
1. W9QLW	66	87
2. W9BBC	65*	89
3. W9GFO	63*	82
4. W9UIA	57*	70
5. W9DGA	54	68
6. W9WNM	45	54
7. W9HQF	37	59
8. W9PNE	28	49
9. W9EHU	25	56
10. W9MRR	25	32
11. W9AZU	24	35
12. W9EJS	12	22
13. W9GFS	10	15
14. W9TBU	10	15
15. W9BFB	6	18
16. W9THD	5	14
17. W9FJI	55	6
18. W9CVN	3	10
19. W9EVR	3	6

\*Yet to be checked by DX Ed.

#### "WHOS WHO IN ZONES?"

	QSL'D	Wkd
1. W9QLW	28	32
2. W9DGA	27	30
3. W9UIA	24	26

Heard by W9QLW on 40-JA2KG, on 20, WOHWI/KS6, KP6AB, OQ5RA, HH2LR, EA5BA, KX6AF, VK9NR, ZE1JI, UD6KB, GI4RY, and DL2LM. Don't forget to mail me a post card with all DX information. Its your column, so let me know how you are making out.

#### JUNE VHF PARTY COMING UP\*\*\*\*\*

Dates of June 4 and 5 have been tentatively set for the next ARPL All VHF turnout. Since the spot activities are always high points, plan to have all the gear you can muster ready for a try-out in that one. Announcement scheduled for May QST. See W9UIA for info.

#### "STATION ACTIVITIES"

By Fred Sawyer, W9FJI, Sec., TARS.

W9GAD is a new ham at Boonville runs 300 watts on ten meter phone, antenna is the cubical quad, and NBFM..... W9BBC is getting that 5 element wide spaced beam with a 31 foot boom together-lockout.... W9UNT is sure lonely on 2 meters when ralph is not able to carry on their schedules... Some interest is being shown in Emergency Work--- have an application from W9EVR, and Joe Tate, W9BLO. Joe would like to know why the local ten meter boys don't hear him on ground wave. W9GHK new ham in town. Now on 40 meter CW.FB.. W9THD took down the halo after all that publicity.. says he is looking for a job as a butterfly catcher or minnow seiner. Curtiss also looking for a PE-103 to power his mobile rig.... W9FJI learned what happens when you QRM a W6 who a certain KP4 wanted to hear, .. see W40GB for details..... (Guess they lowered the boom on him) That Odd-looking character you met, whom you thought you knew by his voice, is a ham hiding out from TVI. What would our worthy(I doubt it) citizens do without the Roving reporter???. Larry W9BFB of late had enough hum for a kw ..his report. When are you coming to the meetings, OB??. Looks like you have to be a ham to work at WEOA. Here's the list. Licensed operators are, Bob Wilson, W9GFO, Bill Schultz, W9BAX, Mac McGuyer, W9DGA, and Jim Barrow, W9CVN. Unlicensed personnel are, Earle Toole, W9NZK, Carty Cartwright, W9QLW, and Bob Funkhouser, and Bill Bahr, W9GHK the telephone operator.... W9GFS, Phil has been appointed as the Emergency Coordinator for this area. He is to be in full charge of the coming ARRL Field Day. W9WDD, Charles Vannoy is New ham from Alton Illinois. He works mostly 40 meter CW, and should make a good Society member. CU at meeting.

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Next Meeting

23 February 1949

Room 233

Evansville College

Amateur Radio Station.

TRI STATE AMATEUR RADIO SOCIETY

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March 1949 Clifford C McGuyer, W9DGA, Editor. Vol 2, Number 3, 1949

Advertising, R Barnett, W9UIA, Circulation, James O Barrow, W9CVN\*\*\*

EDITORIAL

Don't make any plans for June 18th and 19th. Phil Hatfield, W9GFS, our local Emergency Coordinator of the ARRL has some great plans for the ARRL Field Day. If you have any low power equipment, motor driven generators, etc, -see Phil.

Must mention here the fine job \*Ralph Barnett is doing collecting back dues, and dues in advance. If you think you are behind in your dues better see Ralph now before some type of "Initiation Fee" is started. Pay your dues for '49.

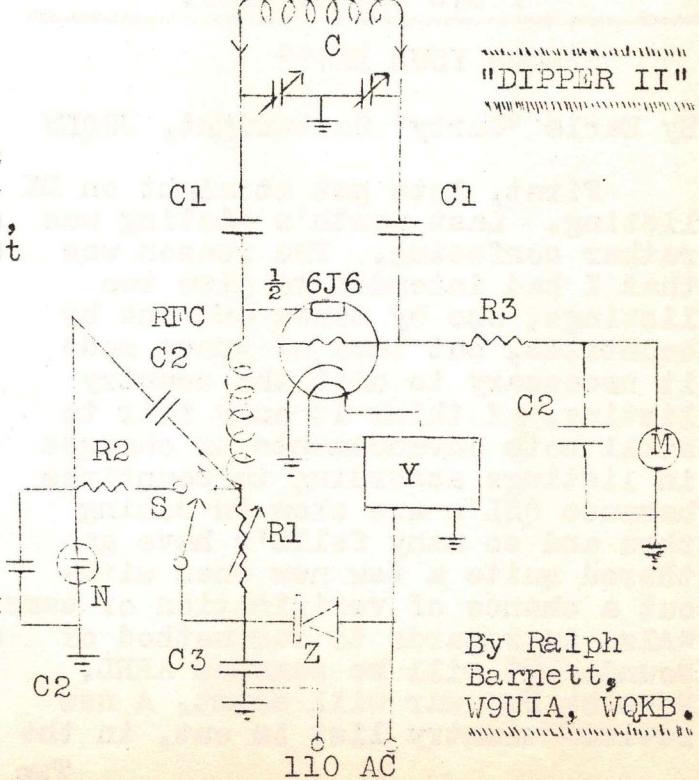
"AS I SEE IT"

By Albert Schoettlin, W9UMS, Pres.

The turnout for the February meeting was most gratifying. About 100 persons witnessed a most interesting demonstration of electronics, and electrical equipment by our host Jim Sears and his students.

At last it appears as though the dreams of the Society will materialize with respect to a school for those persons needing help in either code or theory to push them over the hump. Plans have been worked out whereby J Clements, P Robbiano and B Zieg will give instructions one or two nights a week depending on the demands. It looks like the class will meet at the YMCA on Tuesday evenings starting April 5. Watch the Society paper, (TS), newspapers or call me.

Bob Fink, our chairman on housing advised me that he has discussed the matter of a meeting place with Jim Sears and has obtained permission for the Society to hold its meetings at the College in the future. I think we all agree that the environment of the College as a meeting place is unsurpassed. Please remember that classes are being held in the College and that the use of the College in the future will be contingent on our conduct. If you arrive early, go to the college radio clubroom and avail yourself of the facilities of the club until meeting time. (Cont'd Page 2)



AS I SEE It, Cont'd.

Please no smoking in the building.  
It is my understanding that the  
college is offering use their facil-  
ties as a civic enterprize.

Stermi Rowland advises that he  
has some films from the ARRL for the  
next meeting. Hope to see you there.

#### "DIPPER II"

By Ralph Barnett, W9UIA, WQKB.

By using some of Phil Hatfield's grid dip oscillator ideas and adding a neon relaxation audio oscillator we have made some worth while improvements to our Grid-Dipper. First the variable resistor in the plate circuit allows any coil to be used and still set the meter to half scale. Audio injection is also controlled by the same idea. The modulation greatly improves its usefulness as a signal generator and only requires the neon tube, 1 resistor, and 2 small condensers added to the original circuit. The frequency range is now 1.8 to 300 Mc. Parts are as follows.

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C2 .001 ufd	M 0-1 Ma
C3 40 ufd 150 V	Z Sel Rectifier
R1 250,000 ohms	S SPST Toggle
R2 2 megs	N NE-51

Y 6.3 fil xformer.

#### "HOW'S YOUR DX?"

By Earle "Carty" Cartwright, W9QLW

First, lets get straight on DX listing. Last month's listing was rather confusing. The reason was that I had intended to give two listings, one by zones and one by countries, but lack of space made it necessary to omit the country listing. I think it only fair to still note advancements or changes in listings according to countires because QSL's are slow in coming thru and so many fellas have gathered quite a few new ones without a chance of verification of same. \*Also in regards to our method of count. It will be same as ARRL. Post or Pre war will count. A new revised country list is out, in the

March issue of QST, page 40.

There seems to be some question and confusion as to what countries and zones are available. What about a "DX Hounds" meeting once a month to shoot the breeze and compare notes, etc. Will be glad to hear your comments on this idea, the we can make some plans.

#### What and Where of the Stuff.

The ole man, 9QLW hit the jack pot with 13 new countries and two QSL's to move into first place with OQ5QF, FE8AB, VK9NR, KX6AF, UB5BC, EA6AZ, VK9GW, SP5BA, ZB2A, VR2BH, GC5OU, UAØKFD, and JA3AA. The two new cards were VQ2PL and LU2HH. Zone 19 was picked up with UAØKFD. Brother you think that 100 has been a long grind? Looks good thought.

Eager Beaver Mac, 9DGA, stayed awake long enough to wrangle 12 new ones and four cards. New ones are, OZ7G, EA6AZ, OH3NA, HA4SA, VK9NR, VK9GW, UB5BK, UQ2AB, FT4AJ, EK1GW, and VP6SJ, and a pre-war KC4 which we had removed from Mac's total. The cards were from DL4HO, CR7AP, W1EEC/KW6, and WØOZV/KS6 to move into 4th place in countries. VK9GW was also a new zone to make zones worked now 31.

Al, W9HQF managed to paund brass enought to snag 5 new ones, and 3 new confirmations. New ones were YV5AE, EA1AB, FE8AB, VS7IX, and FT4AB. Al has 30 zones and 22 confirmed to enter the Zone column. Hey Al, there are 3 countries in VK9, Papua, Territory New Guinea, and Norfolk Is. In other words al, work all VK9's you hear.-Hi.

Hi-Freq Ralph 9UIA kept pace and ahead of 9DGA with 5 cards and 3 new ones. VR3, NY4, and KS4. This VR3 on Washinton IS in the Fanning group is a rare catch. On ten phone and 20 meters. Ralph hit 27 in zones.

Gil, 9THD managed to takl with a ZL, and VK and came up one one notch into 14th place with

18 countries and 23 cards. No details tho. Got a nice report from 9PNE. Andy jumped from 9th to 7th place with 9 countries and five cards. OQ5, LA5, SM3, TA3, FA8, ZD4, EL3, JA2, and TF3. Andy also has 26 zones. W9EJS, LaRue dropped in with his usual report and has DX total up to 30 and 16 again of 8 countries and four cards. Fred, W9FJI reports a total of 8 cards and countries and enters the zone column with 6. W9CVN off air with RF troubles but got back into the swi ng with CTIEL on 40 and one QSL from a G5. 9PNE has 11 countries and 4 continents on 80. Also worked WAC in 2½ hours.

"WHO'S WHO IN DX"			
NR	STN	QSL'D	WKD
1	W9QIW	68	100
2	*W9BBC*	*65*	*89
3	*W9GFO*	*63*	*82
4	W9UIA	62	76
5	W9DGA	58	80
6	W9VNM	45	54
7	W9HQF	40	64
8	W9UMS	35	45
9	W9PNE	33	58
10	W9EHU	25	56
11	W9MRR	25	32
12	W9AZU	24	35
13	W9THD	18	23
14	W9EJS	16	30
15	W9TBU	10	15
16	W9GFS	10	15
17	W9BBN	8	13
18	W9FJI	8	8
19	W9BFB	6	8
20	W9CVN	4	11
21	W9EVR	3	6
22	W9NZK	2	3
23	W9GHK	1	3

\*\*Not submitted for check as yet\*\*

"LIFE BEGINS AT 40 ZONES"			
1	W9QLW	28	33
2	W9DGA	27	31
3	W9UIA	24	27
4	W9HQF	22	30
5	W9PNE	15	26
6	W9FJI	6	6
7	W9NZK	4	5
8	W9GHK	3	5

#### "ARRL CALENDER"

- April 23-24 CD QSO Party
- April 18 CP Qualifying Run.
- May 20 CP Qualifying Run.
- June 15 CP Qualifying Run.
- June 18-19th ARRL Field Day
- July 23-24th CD QSO Party.

"ABOVE 50 MC"  
By Ralph Barnett, W9UIA, WQKB.

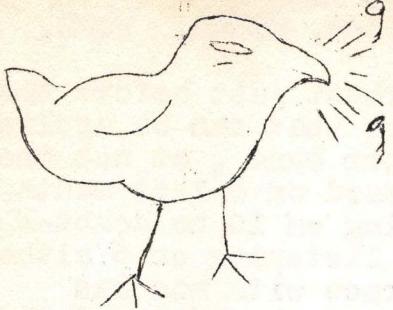
It's darkest just before the dawn. We hope that can be applied \*to the 6 meter band, as not one signal was heard on 6 last month. (Too much DXing on 10 no doubt-LD) We have been listening on 6 altho this DX rat race with mac has taken up most of our time. Our ten meter contacts reveal quite a lot of interest in 6 meters thro central and south america. If any contacts are made they will probably be made in the next few weeks. A few Es openings should be showing up on 6 next month also. W9UNT W4LLR and I are still on 2 meters looking for help. W9UNT has a new 6J6 pre-amp for 2. He also has a code class at 7 pm each eve. How about trying 6 or 2 this yr.

Who wanted to get into a QSO with W9FJI on ten the other evening? Fred didn't stand by on the band so this fellow drives by his house and calls fred on his horn (he has a portable in his auto and no VFO), Fred not knowing the code dashes in and call the police saying some joker was disturbing the peace. ASK Fred for the complete story????

#### "STATION ACTIVITIES"

By Fred Sawyer, W9FJI, Secretary.

W9PNE is waiting for 6 to open, hears the locals on 6....(9THD had no luck in getting out on his 10 meter mobile rig. (He even tried to use his auto horn)...9GAD likes his "Comical Quad"...he hears good sigs when no one else does...9PNE is expecting...also 9PNE has 573 QSO's in 68 sections in the SS..... Don't let TVI put you off the air, but COOPERATE, but OPERATE,..... (9BAX is also expecting...9CVN still "Wimmin Huntin" and QRM Dodging on 40..9BFB and 9WDD on ten fone..... V9GFO on 40cw. W9GFS worked in Ohio River Valley net on 80. Also plans gala Field Day...W9EJS now working 40 cs also has 3 element beam..John Ganley still hearing DX..Callie Jones is a mighty lucky man...W9THD has went to the higher part of the band...W9UMS is getting back on the air with his KW and outstanding rotary beams/ three



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Ralph Barnett, W9UIA, Advertising,  
James O Barrow, W9CWV, Circulation,  
Evansville 13, Indiana.

Next Meeting

30 March 1949

Room 233

Evansville College

# TRI \* STATE AMATEUR RADIO SOCIETY

Published monthly, as its official organ, by the Tri State Amateur Radio Society at 1321 South Governor St., Evansville 13, Indiana. Affiliated with the American Radio Relay League.

Devoted to improve the Amateur Radio Operator.

April 1949 Clifford C McGuyer, W9DGA, Editor. Vol 2, Number 4, 1949

Advertising, R. Barnett, W9UIA, Circulation, James O Barrow, W9CVN.

## EDITOIRIAL

Have you listened on 160 yet? ARRL has arranged for hams to share a portion of the old 160 meter \*band. This should help ease some of the QRM on the other bands. Also it might be used as a code practice \*frequency for the current educational program of our Society.

Have had a lot of comment on the last Society meeting. All of it has been good. If you were absent, you really missed it. The college was very good as a provider when it came to giving the Society a place to hold their monthly meetings. Make your plans to attend the next regular meeting. Don't forget to see Ralph Barnett for your dues. You might hit the "Jack Pot."

## "YOUR SECRETARY"

By Fred Sawyer, W9FJI, Sec., TARS.

Several fellows attending the Society Class on Radio, have spoken very highly of the instructors and are all agreed the class is just what was needed. Anyone, called on to help out should be willing to do so--remember, someone helped you?

Had a note from Chuck Conway, our SCM, due to the pressure of business, Chuck is resigning the SCM job and in his note, mentioned the help he had received from the E'velle fellows. Remember it only take ten names to nominate someone for SCM. Who knows of a good man to carry on?

Everyone, at least those I know,

like to get that QSL confirming the QSO. But-do you always send one? According to an article in QST, the W9's are the lowest in US in sending out QSL's, what say? Let's do our part in making our area known for 100% QSL's.

In spite of the danger of getting monotonous, let me again call attention to the club rate for QST. \$3.60 will set you right for another year. Also when you move or the post office changes rual routes on you, tell someone so you can get your mail. They are funny on forwarding RR mail.

Yours truly is looking forward to ARRL Field Day, tho my efforts may be limited to flying a kit! Let's make it a worth while event that will let Evansville know who we are and what we can do besides cause BCL.

## "ABOVE 50 MC"

By Ralph Barnett, W9UIA, WQKB.

Six meters still hasn't come to life. We do expect the band to open this month. The only openings in March was 19th at 9 pm when we heard two stations in Texas. The news this month is on two meters. W4LLR is hereby appointed two meter emisarry. Through his efforts we are getting out. Jack has not only been hearing and working them, but has been making personal visits. The last we heard he has his ten met-

er erg out of his car (maybe converting it to two). W9FVJ in Toledo, Ill is being contacted regularly at 7 am and 7 pm. W9CBU and W9SUV have also been worked on two. Two meter signals from Henderson and Evansville have been heard in Indianapolis and in Miamisburg Ohio, 225 miles. W9UNT, W4LLR, W4NUQ, and W9UIA are now on two. The following are expected on shortly, W9PNE from Mt Carmel, W9HGJ Parkers Settlement, W9ZHX from Mt Vernon, and W9RCD from Evansville.

What to use on two? There are a lot of VHF 152's in use as receivers. W9PNE is using a two tube super-regen and has heard with good signal strength stations from this area. As to power required, Jack has heard me using a 955 modulated oscillator with  $1\frac{1}{2}$  watts input. There are a lot of beams used as antennas, all horizontal, 4, 10, 20, element beams square corner reflectors and even folded dipoles are used. Take your choice of equipment and get in the fun on two meters this summer.

#### "WHO'S WHO ON TWO?"

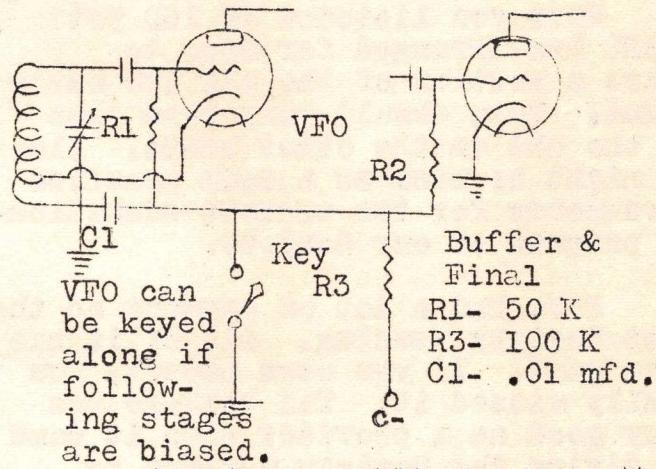
Station	States	Districts	DX Miles
W9UIA	4	3	205
W4LLR	3	2	110
W9UNT	2	2	10
W4NUQ	2	2	10
W9USN	1	1	5
W9DGA	1	1	2

The sooner BOLD members get the chips off their shoulders and the sooner our timid members stop running for the closet when the phone rings, the sooner we can lick BCI problems. Wonder why some of the operators that are the hardest to raise, are the ones that Call Longest, Loudest and Oftenest??.

"STATION ACTIVITIES", By F Sawyer. Congrats to 9DDV on the recent acquisition of a commercial ticket.... QUINT worked ten fone for a long time and nothing happened. Then he gets on 140 cw with 9GFO, and his power supply develops bugs. Any moral to this? SWL Jones got a VHF152 for 2 meters as well as a couple of Toledo Ill stations. Finding that a dipole with a venetian blind as a reflector worked FB, now a 16 element beam in the making. 9GHK is on way to WAS on 40 meter CW. FB, OM.

#### "KEYING PORTABLE RIGS"

This summer (and it's not too early to think about FD and your vaction-radio plans) low-frequency mobile and portable rigs-with-handles(W9GFS type) will be increasingly popular. Rod (W9BRD) sends a keying circuit which he says is an application of the ARRL Handbook blocked-grid keying suggestions. A good feature being that you can key ALL stages or just one of the portable. One can lay all over the key if desired, even usingg bare feet, W9QLW take note. Resistors are not critical.



#### "HOW'S YOUR DX?"

By Carty Cartwright, W9QLW.

"CW" McGuyer, W9DGA, topped the last months list with six new ones and five cards to move into 3rd place from 4th in Whos Who. New ones were KX6AF, VR2BL, PZ1FM, YS1VJ, EA5BE, and VP2AD. QSL'S were from OZ7ON, OH3NA, OE1FF, CTIJS, and HK3CT. With a card from VE8PG, zone 2, Mac moved into a tie with 9QLW for 1st place for zones confirmed. Also VK6GA made 32 zones worked.

Ralph "QSL" Barnett, 9UIA, upped his total three countries and six cards, but due to 9PNE's total, dropped one place in countries worked. New countries were ZS8B, HALKK and EK1QW. QSL were received from VP9DD, HP1BR, OX3GE, EE7A, CR7AD, AG2AD. He worked one more zone and raised QSL's to in zones to 27. How

How does a guy maintain an 86% return on QSL's? Suppose this guy pins dollar bills on all cards sent out. He worked OK2SO on ten fone who was using 3 watts and a two tube receiver. A 15 minute QSO with the OK, QRK 5-8. Wonder what kind of \*antenna he was using, a rombic??

Andy, W9PNE after finding out that pre-war countries work, count in Whos Who began to dig thru the old log books and really hit the jack pot. By adding 26 countries and 25 cards to his total to move from 7th to 4th place. A recent OX3BC QSO with pre-war stuff like UPOL, Russian north pole expedition, CR7, CT2, PJ, EA, J, YM, ZP, YV, CP, brings up to 84 for Andy. Andy got WAC on 80 meters again with HClJB, KL7FM, JA2AZ, ZL1HM, OK1FF, and FA8IH, while using 175 to 200 watts, dipole antenna and a two tube regen receiver.

Haven't had a late report from Al in the hill of Newburg. But from the last report I heard, W9HQF nailed VK9NR, GC3ZU and UC2AF for 67 total and two cards from OZ7S and UI8AA for 42 QSL'd.

W9AZU said he is now up three new countries for 38 and one more card for 25. No details on what they were tho. Come again Charlie, and let me know what your working.

W9BBN reports 12 countries now a gain of four over last month. Thanks and keep us posted Bob.

We caught W9CVN and sat on him while we pumped him for information and found out that he has 12 countries. He now goes into 6th place in zones with 6 QSL's and 11 zones worked.

The "ole-man" W9QLW eked out one more, ZD2GHK, Nigeria for 101, and has begun to receive some of those long due cards by adding FA8J0, TA3AA, OE1FF, and KH6VP/VR4 to the confirmed list for 72.

Bill Bahr, W9GHK an up and becoming 40 meter operator received a QSL from a KH6 for country #2, and zone #4 confirmed. Keep up the good work Bill.

The "DX Dogs" had a meeting this past month at my home and you should of heard the DX tales. It is planned to continue this meeting of the Dogs every month. Next meetings meeting will be at W9HQF.

W9PNE and W9HQF had their QSL cards checked for "WHO'S WHO". W9UIA was sporting a nice Cl QSL.

#### "WHOS WHO IN DX?"

Nr	Station	QSL'd	Worked
1	W9QLW	72	101
2	W9UIA	68	79
3	*W9BBC*	*65*	*89*
4	W9DGA	63	86
5	*W9GFO*	*63*	*82*
6	W9PNE	58	84
7	W9WNM	45	54
8	W9HQF	42	67
9	W9UMS	35	45
10	W9EHU	33	58
11	W9AZU	25	38
12	W9MRR	25	32
13	W9THD	18	23
14	W9EJS	16	30
15	W9BBN	12	13
16	W9GFS	10	15
17	W9TBU	10	15
18	W9FJI	8	8
19	W9BFB	6	8
20	W9CVN	4	12
21	W9EVR	3	6
22	W9NZK	2	3
23	W9GHK	2	3

\* These station pse confirm QSL's.\*

#### "LIFE BEGINS AT 40--ZONES"

Nr	Station	QSL'd	Worked
1	W9QLW	28	33
2	W9DGA	28	32
3	W9UIA	27	28
4	W9PNE	25	31
5	W9HQF	22	30
6	W9CVN	6	11
7	W9FJI	6	66
8	W9NZK	4	5
9	W9GHK	4	5

#### "AS I SEE IT"

By Al Schoetlin, W9UMS, Pres. TARS.

From all indications we will have near 15 new hams in the city within the next 3 months. According to J Clements, 15 persons attending the classes at YMCA on tuesday nights are on their way.

The Field Day plans are shaping up nicely and details will be given at the next meeting. Plans for the 1949 picnic are in the mill now. More detail later. In my next column, I will give detailed outline of our present business policies of the Society. Next meeting Jim Sears will discuss Cosmic Rays and the Geiger Counter.

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James O Barrow, W9CVN, Circulation,  
Evansville 13, Indiana.

All articles submitted for  
publication should reach the  
Editor by the tenth of each  
month.

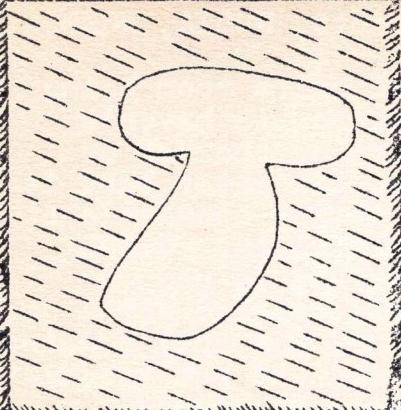
Next meeting.

27 April 1949.

Evansville College.

Amateur Radio Station

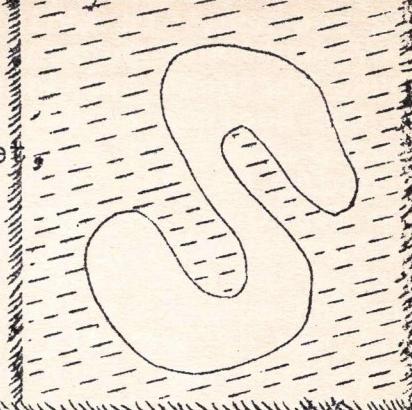
# TRI - STATE AMATEUR RADIO SOCIETY \*\*\*



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May 1949 Clifford C McGuyer W9DGA, Editor Vol 2 Number 5, 1949

## EDITORIAL

Jim Sears, W9DFD gave a top notch talk on Cosmic Rays and the Geiger Counter at our last meeting. Mr Sears gave his talk in such a manner that most all present could understand. Come again some time Jim.

I'll bet Cosmo Silvoella, 9EVR wishes he had heard Mr Sears, for if he had been there, he would be Five Dollars "Richer". The Jack Pot will be carried over, and next meeting will be \$10. Be There.

The Secretary informs me that we have 49 paid members with ten being SWL's. If you haven't paid your dues, see Ralph Barnett, W9UIA, he will be very glad to take your money. Pay your dues at next meeting.

Due to my vacation next month, TS will skip a month. I am sure you won't mind giving me this rest. If anyone would like to put TS out, see me. 5-8527.

You probably have been hearing a lot about proposed new regulations. These proposals are proposed by the Federal Communications Commission under docket number 9295. It is to be noted that these proposals are proposed by the FCC, and NOT by the ARRL, as some people might have you believe. Write your directors as an individual and keep our Society intact.

## "AS I SEE IT"

By Al Schoetlin, W9UMS, Pres. TARS.

Plans for the Field Day are rapidly maturing and it looks like we will have a good time as well as

a possibility of gathering some high scores. We plan on having transmitters operating on most bands for the duration of the Field Day. This will include day and night operation. We can use any transmitters and receivers with relative low power drain, so see Phil Hatfield, W9GFS if you have available equipment and have not filled out the Field Day blanks passed out at the March meeting. A 110 Volt Generator will be available as well as batteries. Unless plans are altered the Field Day will be held at the East Side Park on Division Street. It is planned to have a dress rehearsal on the Sunday before the Field Day to test equipment and to give the newspaper men an opportunity to witness the proceedings. Photographs and moving pictures will be made during the Field Day operations, then later shown at the Society meeting.

In the event that there are some members of the Society who were not present at the first meeting of this year. I would like to explain the procedures we have been following relative to routine business and future planning for the Society. Each month about one week before the meeting for that month, all the Officers of the Society, the Directors, and committee Chairmen met in a body to discuss future business and plans for the Society. This policy was installed in order to keep the business portion of the meetings proper at a minimum. If you will remember in the past a good portion of our meetings were taken up with

discussions pro and con on various subjects without any decisions being reached. In addition to the abovementioned persons attending these business sessions, any member of the Society so desiring can also attend simply by contacting me and learning the date and location of the meeting. Any proposal or suggestion submitted to the Society during the regular meeting by a recognized member is discussed in the meetings of the officers and committee chairman, then presented to the Society at the following meeting with recommendations. The proposer of this suggestion is urged to attend the officers meeting to participate in the discussion.

We feel that the above method has proven satisfactory and has given more time at the regular meetings for programs.

As you all probably know, by this time, the Federal Communications Commission has proposed some changes with respect to the licensing of Amateurs. These changes will be of importance to all Amateur Radio Operators. I would like to urge that each amateur review these proposals and write your Director. If no action is taken, no complaints should be registered later. At the coming meeting, we will attempt to familiarize everyone with these proposals, as proposed by the Federal Communications Commission and not by the ARRL.

#### "YOUR SECRETARY"

By Fred Sawyer, S9FJI, Soc., TARS.

More than ever before, we should stick together and differ only on minor items, or else, our regulations will be so stiff that fewer will be able to enjoy the most interesting hobby there is.

Through our membership in this Society we not only can present a solid front, but we can help others in gaining knowledge of our hobby as witness the fine work done in the class at the YMCA. Those fellows deserve the highest praise.

Don't forget the club rate to QST is \$3.60. See me for details and get your next years subscription renewed; or started now. Next meeting, 25 May 1949 Ev. College.

#### "ABOVE 50 MC"

By Ralph Barnett, W9UIA, WQKB.

Duo to the extra room boing built on our house, we haven't been very active on the VHF or UHF bands. The six meter band is picking up as it was open atleast three times last month. W9GWL finally made it and is now on 6 and 2. We also worked W9PNE on two meters. Andy was only running 10 watts to a mod osc but was putting in a good S5 signal. Signals 110 milos and better from here are building up on 2 and should get better this month. At last report, W9UNT had his ARRL about ready to go on 2. Ours is still in the process of conversion. We can stand a lot more activity on both 6 and 2 so come on and get in the fun. Don't forget the VHF QSO Party June 4th and 5th. If you have anything that will work on 50 mc or higher get on between 2 pm June 4th and midnite June 5th, and see what it will do. (see May QST page 43 for details).

#### Whos Who on Six Meters?

Station	States	Call Areas	Country
W9UIA	37	10	3
W9DGA	4	3	1
W9GWL	3	3	1
W9FJI	2	2	1
W9PNE	2	1	1

#### Whos Who on Two Meters?

Station	States	Call Areas	Miles
W9UIA	4	3	205
W4LLR	3	2	110
W9GWL	2	2	30
W9NUQ	2	2	10
W9UNT	2	2	10
W9PNE	2	1	58
W9USN	1	1	5
W9DGA	1	1	2

Is your listing incorrect? Did we leave your out? If so, drop us a card- W9UIA--

#### "HOW'S YOUR DX"

By Carty Cartwright, W9 Q L W.

Quite a few reports have been mailed in on the DX this month. The old standbys plus a few new

entries. Thanks a lot and keep us informed. "CW" McGuyer, W9DGA, 20 mts iron man leads the pack again with seven new ones. EA8MC, CT3AV, GC4LI, ZM6AL, DU6IV, CR6AQ, and ZD4AM for a total of 93 countries. With VP2AD and EK1GW mac now has 65 confirmed. W9ZZY was cornered at the last meeting and came up with 33 countries worked with 21 QSL'd. See you never know till you start counting. Welcome Stermic and keep us posted. Got a report from Vic W9BBC. He claims two new one, being KB6VX and YS1LV for a total claimed of 90 countries. Vic says he hasn't had a chance to run thru his cards yet, so we just put his verified total as 49 for the time being, so as to conform to our policy of anyone above 50 verified in DX column being checked. Vic should of had the Marintimo mobile go ashore so he could of counted the Persian Gulf QSO. Hi. W9EHU deserted short skip on ten meter phone to return to the

20 meter CW WARS. Ben ran off new ones with KS4AI, VP9EC, OH3PK, Fo8AC, VP4TAB, OX3MG, EA2BT, UAOKFD, CT1JL and CX6AD for 68 countries and a tie with W9HQF for 7th spot. Ben got 2 new ones from ILADW and EL3A. W9EJS jumped up one notch in the standings with a 34 total now. LaRue QSOed JA2AR KX6BB and CX1BT. Al the "Newburg Flash" due to business couldn't chase DX for any new ones the last month. But did add four more confirmed with CM7RA, ZD8B, KS4AL, and VS7NV. Also two new zones confirmed. W9THD has a neat QSL from KX6BC as result of a NBFM QSO. W9AZU brought in his QSL's for a check and now has 28 verified. Would like to sneak that VQ4 card from Charlie. The "OLE MAN" 9QIWI dug up five new ones in VP4TAB, EA8MC, ISLAHK, YS1RA and CT3AV for 106 worked. Received cards from JA2KG and VR2BH. W9GHK got a card from C06AP for #3. W9FJI sent in report with 9 countries and 7 QSLs. Zones of Fred now at 8. W9BBN joins the ones with 8 each. Add new country to your list. VK1, Heard Island. Mail DLL cards to DARC Box 99 Munich, Germany. Have had rumors that W9RZM is back on 20. Would like to hear from you Frank. Frank was one of the city's best DXers before the War. DX\*\*\* Don't forget the ARRL Field Day.

### "WHOS WHO IN DX?"

Nr	Station	QSL'd	Worked
1	W9QLW	74	106
2	W9UIA	68	79
3	W9DGA	65	93
4	W9PNE	58	84
5	W9BBC	49	90
6	W9GFO	49	82
7	W9HQF	48	68
8	W9WNM	45	54
9	W9EHU	35	68
10	W9UMS	35	45
11	W9AZU	28	38
12	W9MRR	25	32
13	W9EJS	24	34
14	W9ZZY	21	33
15	W9THD	18	23
16	W9BBN	12	13
17	W9TBU	10	15
18	W9GFS	10	15
19	W9FJI	8	9
20	W9BFB	6	8
21	W9CVN	4	12
22	W9EVR	3	6
23	W9GHK	3	3
24	W9NZK	2	3

### "LIFE BEGINS AT 40 ZONES"

1	W9QLW	29	33
2	W9DGA	28	32
3	W9UIA	27	28
4	W9PNE	25	31
5	W9HQF	24	30
6	W9AZU	18	18
7	W9EHU	17	28
8	W9EJS	16	19
9	W9FJI	8	8
10	W9BBN	8	8
11	W9CVN	6	11
12	W9GHK	4	5
13	W9NZK	4	5

STATION ACTIVITIES..9DDV runs  $\frac{1}{2}$  kw from 5th floor of the Y..9BFB works at Scars...9NZK building 24-G rig. 9GFO building rig for 160..9BAX is a papa..9AZU has new QTH..9FJI has 160 rig from 8TFG..also ARR-5 with motor tuning..9UNT QRT-house cleaning..9ENZ backon ten..9GHK will trade set of new drawing instruments for a bug and other ham gear. 4-8932, 9GFO getting new QTH..9DGA has new 42 ft mast...9FJI rides in on the PA at a local church from his ten meter phone..W9WDD/9 had the honour of being transcribed on a WGBF-NBC program and then being broadcast. W9EVR on duty at Transmitter copied QSO solid on 1280 Kc, off WGBF.. Humpy Campbell will provide the Field Day "Square Rigger" kite for the Society. See You Field Day.

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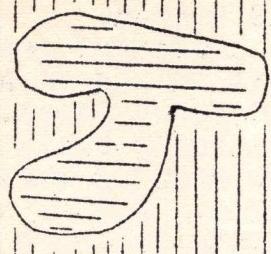
All articles submitted for  
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each month.

Next Meeting.

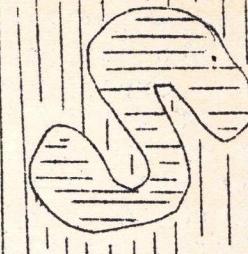
25 May 1949

Evansville College.

T.R.I.-S.T.A.T.E.A.M.A.T.E.U.R.R.A.D.T.Q.S.Q.C.I.E.T.Y



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Devoted to improve the Amateur Radio Operator.

June and July 1949 Clifford C McGuyer, W9DGA, Editor. Vol 2 Nr ~~4~~ 5.

Advertising, R Barnett, W9UIA, Circulation, James O Barrow, W9CVN....

EDITORIAL

There is only one thing wrong with a vacation, and that is they are too short. But the vacation is over, which means that TS is due again. As usual Ham activity drops off due to the hot summer and this year is no exception. There were just slightly over 40 present at the last meeting, but our next meeting should be a "dilly". It will be held at Audubon Park, one of the better state parks of Kentucky. It is located on US41 south, a couple of miles south of the bridge. It will be a complete family affair. Bring your supper, games, portables, and what have you. Meet at the new shelter house on Scenic Lake, anytime after 4 PM. Plan on eating your supper about 7 PM. Come early and stay late. The date is Wed, 27 July 1949.

Fred Sawyer suggests the Society start a drive for 100% ARRL membership, so TARS could be included on the ARRL Honor Roll of affiliated clubs. How about it MR President, appoint a committee and lets get rolling.

Good dues paying members can skip this next paragraph. This is addressed to those who have been receiving TS all these years, have participated in events of the Society, but have not supported TARS in the manner of dues. If you once joined and are behind, or if you have never joined, why don't you see Ralph Barnett, W9UIA, the treasurer and get "hep" with TARS.

The annual picnic committee is happy to announce plans for this years picnic. Place, Servel Picnic Grounds. Time, Anytime after 9 AM till ?. Date, 21 August 1949, Sunday. This will as in the past be for the entire family. Organized games for the ladies, children, and OM's. Included will be washers, horsehoes, sack races, rollin' pin throw, auction, and the big event of the year, under the impartial direction of SWL Director, Howard G Campbell, esq., the Phone vs CW ball game. President Schoettlin (a fone man) says "they might of beat us two years straight, but it will be different this year. We're out to win this one". Capt D. "Lefty" Covert, W9KVE could not be located for a statement on the game. "Ole Bag of Bones" (QIWI)(CW man) says, "Awnuts, we'll murder the bums again". It has been suggested that the game be limited to only three innings, as we arn't getting younger. This picnic is going to cost the Society. If you are a member in good standing, you and your family will be admitted free, but if you are not a member in good standing, there will be a registration fee of only fifty cents per family to defray expenses. This is just one more good reason why you should be a member in good standing. A door prize will be offered to members, and non members who are registered. Watch the mail for further notices.

The ARRL CD has adopted a revised wording of the new traffic count. This will simplify matters for the inexperienced operator on a traffic ct.

"YOUR SECRETARY" By Fred Sawyer, W9FJI, Secretary of T A R S.

To me, it looks as though the time for this report comes altogether too often. The summer and other items have certainly caused less operating activity at this QTH than I thought would happen.

Field Day has come and gone, and I think everyone concerned gained valuable experience. While unable to do more than visit the scene a couple of times, I certainly am looking forward to next years event. During my travels sometime back, I talked to fellows on their Field Day and our Society can well be proud of the many contacts made by those who operated, considering the lack of previous experience. And considerable praise should go to the SWL's who helped with the work during the rain, both in getting things ready and in dismantling.

Then too, lets not forget the firms who helped out by furnishing the batteries and other items. And by all means, our advertisers who make it possible for us to publish our paper.

That Puerto Rican coffee which no one saw, arrived on time and will be available at one of our meetings in the future where those who drink it will be seated. Boy it's powerful. Join TARS and ARRL today.

"ABOVE FIFTY MEGACYCLES", By Ralph Barnett, W9UIA, and WQKB.

After only 2 or 3 openings during april, the 6 meter band really came to life about the middle of may and has been open almost everyday. 15th of may we heard every district except W6. The 6 meter band was open 15 days in june. We managed to snag 6 new states to bring our total up to 43, with only five more to go on a 50 mc WAS. Still need Miss, Ala, Utah, Nev, and Idaho. So far in 1949 we have worked 35 states, canada, and Mexico. 90% of stations have been using under 100 watts power and a lot of them under 15. W9GWL(Griffin's Mayor) has been knocking off the states, but we don't have a late report from Russ.

Two meters has been good, but their hasn't been much local activity. We worked Toledo, Ill, and Miamisburg, Ohio a couple of times in june. Have been spending most of my time on 6.

Who's Who on Six Meters?

Station	States	Call	Cty	Concerning Field Day-1949, By W 9 F J I.
W9UIA	43	10	3	
W9DGA	4	3	1	
W9GWL	3	3	1	
W9FJI	3	2	1	
W9PNE	2	1	1	
Whos Who on Two meters				
Station	States	Call	DX	
W9UIA	4	3	205	Ground work for the big event was started back
W4LLR	3	2	110	in Feb when 9GFS was asked to get things in
W9GWL	2	2	30	shape. How well he and his workers planned was
W9NUQ	2	2	10	shown in the fine turnout-both of operators and
W9UNT	2	2	10	equipment. As you know the location was the
W9PNE	2	1	58	East side park. A small tent was furnished by
W9USN	1	1	5	the red cross and a larger one procured from the
W9DGA	1	1	2	Washington Ave Presbyterian Church Scout Troop.
W9QLW	0	0	0	Gregory Hibbard taken good care of this tent for

us. 9AIN and his jeep were kept busy-Fay got the  $\frac{1}{2}$ kw ac generator, which bore most of the burden. 9GHK brought a kw generator from the EC. The balance of power was furnished by the Nat Battery co. in a generous loan of a dozen fully charged batteries. Several of the more active fellows managed to get antennas up into nearby trees and 9UMS put up the 4 ft balloon (300 ft). John Clements furnished a CW transmitter that was used mostly on 40 cw. Other equipment was furnished by 9EHU, 9CVN, and 9QLW. Fone found equipment by 9UIA, 9CVN, and 9UIA. Those operating were 9's, ERN, CVN, QLW, UMS, AZU, THD, BBC, CGM, EHU ALM UIA AIN GFS GHK GFO DGA and NEC. SWL's- Young, Jones Wiley Campbell and others. Results- 1842 points, 257 QSO's. This log of FD events may not be complete because I could only be there for a few minutes. SEE me and I'll get you your credit. 73.

"HOW'S YOUR DX? By Carty Cartwright W9QLW.

Summer time, Ah its great, sunburns, grass cutting, swims, golf--but its not conducive to DX conditions. So as a result, some of the old reliables such as EJS, AZU & THD, were 'nt heard from.

"Eager Beaver", McGuyer, 9DGA, says there ain't no DX, but still piles up the totals. Again leading the pack in gains, Mac moved into 2nd spot of "Whos Who" with twelve new ones YN1FTB, VS7CL, ZK2AA, TF3JS, ZE2KL, OQ5GD, VP7NU, IS1AHK, VP3JM, ZB1AY, HZ1VP, and LX1AS, for 105 countries worked. Sixteen cards caused great glee in the McGuyer household, VK9NR Norfolk Is, VK9GW Papua, EA5BE, FE8AB, Fo8AC, VP5AM, HA4SA, CT3AV, KX6AF, EA8MC, DU6IV, GC5OU, UB5BC, ZE2KL, ZB1AY, and VS7CL. Rubbing his hands in glee, mac roared into first place in zones with the above QSL's.

Al "Newburg" Apple tapered off the summer with five new ones, VR2AS, JA2BI, EL3A, ZD4AM and VP2GC, Windward Is. He now has 52 confirmed with HB9CZ, OE3CC, JA2BI and VR2AS. This puts al in 4th place in zones.

The "ole-man" Cartwright managed to stave off 9DGA for another round, to remain in 1st spot with 5, VP6PV, CX6AD, VP7NU, LX1AS, and FF8GP. Cards from GC3EM, EA7AU, YS1RA, TI8CM, VP4TAB, Fo8AC, OQ5QF, UB5BC, UA3BC, CT1JL, EA8MC, and CT3AV for 86 QSL'd.

9GHK reports with a 9 total now to move up to 21st spot. He now has WAS. W9UIA, received another QSL to make 69. W9PNE has been held down by the summer but adds Fo8AC for another country. W9EHU knocks off seven with the following, KP6AB, VK9NR, FA8WH, KW6, GC3, FE8AB, and JA2AB for 75 worked. KS4AI, and a KG6 makes Ben a total of 37 QSL'd. Jim (9CVN) the "Hot Rod Kid" comes up with QSL's from VK and KL7 for 6 confirmed. Next month a list of countries with prefixes with more than one country per prefix. Work ur DX es mail me a card.

"STATION ACTIVITIES" . . . 9EHU has new sonar nbfm exciter for fone and CW. 9HQF.rig went south..plans a pair of 8108s or somthing similar..has been DXing with ECO only....9GFO and 9 BAX on vacation..9RZM wants bigger tank circuit for more power on 20 cw..uses inside folded dipole. (QLW has keyer underway, anything else cartys???. 9GFS planning higher power rig for this falls traffic..9ERN perfecting SSSCrig..SWL Young has woodpecker trouble...Did you see the SWL Director trying to fly his kite at field day??and he was supposed to be an expert...9CVN has his ARRL 35 wpm CP..9FJI went to dallas and saw 5AJG's antenna farm....he also learned that the W5's don't listen above 50.2 mc...he heart a doz but never received a shout...4LUR visited WEOA transmitter..9GHK now has his WASfrom ARRL..9GFO building rig with 828's...W4PKX taking care of arrangements at Audubon Park for next meeting..9CVN is a auto supercharger man, in addition to being a hot model airplane builder..also hot with the wimmin'...but who isn't???. 9KVE and UMS are practicing pitching for the coming fone-CW battle on the diamond..9EVR still crying over that \$5. as is 9EHU...wonder if Cartwright is ever going to get those DX certificates made that he has promised readers of his DX Don'ins??What say Carty???.Don't forget the next outdoor meeting 27 Jly.

Nr	Station	QSL'd	Wk'd
1	W9 Q L W	86	111
2	W9 D G A	81	105
3	W9 U I A	69	79
4	W9PNE	58	85
5	W9HQF	52	73
6	W9BBC	49	90
7	W9GFO	49	82
8	W9WNM	45	54
9	W9EHU	37	75
10	W9UMS	35	45
11	W9AZU	28	38
12	W9MRR	25	32
13	W9EJS	24	34
14	W9ZZY	21	33
15	W9THD	18	23
16	W9BBN	12	13
17	W9TBU	10	15
18	W9GFS	10	15
19	W9FJI	8	9
20	W9CVN	6	12
21	W9GHK	6	9
22	W9BFB	6	8
23	W9EVR	3	6
24	W9NZK	2	3

50 or more QSL's  
require proof to QLW.  
"LIFE BEGINS AT 40-ZONES"

1	W9 D G A	32	34
2	W9 Q L W	30	33
3	W9 U I A	27	28
4	W9HQF	26	31
5	W9PNE	25	31
6	W9AZU	18	18
7	W9EHU	17	28
8	W9EJS	16	19
9	W9GHK	8	11
10	W9BBN	8	8
11	W9FJI	8	8
12	W9CVN	6	11
13	W9NZK	4	5

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Evansville, Indiana Phone 5-8527.

All articles submitted for  
publication should reach  
the Editor by the tenth  
of each month.

Next Meeting.

27 July 1949.

Audahon Park.

TRI - STATE AMATEUR RADIO SOCIETY

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Devoted to improve the Amateur Radio Operator.

August 1949 Clifford C McGuyer, W9DGA, Editor, Vol 2 Number 6, 1949.

Advertising, R Barnett, W9UIA, Circulation, James O Barrow, W9CVN\*\*\*

P I C N I C Big news this month is the annual picnic to be held this year at the Servel picnic grounds. Date is 21 August '49, Time 9 AM till ?? This as usual is the highlight of the Summer activities of the Society. This affair is for the family. Features are organized games for the ladies, children, and the OM's. Included will be things like washers, horseshoes, sack races, rollin' pin throw, and a variety of games for the YL and XYL. Tetter totters, and swings for the kiddies. Oh yes, the ball game of the year, fone vs cw, also in the same light is the tug of war, fone vs cw. Bring your parts along as there will be the usual TARS auction. When old sol drops down below the horizon 9UMS and SWL Campbell will tune up there vocal cords and lead a community sing, after which will follow a Sqaurc Dance.

A ruff outline of the schedule for the days outing is included, along with committee, and sub committies. If you are listed on a committee and cannot attend, please notify Cartwright at 49215 till 3 pm, and 61062 till 9 pm. If carty dont hear from you, it is expected you will do your listed job up "Brown". ////////////////

- 1030-1200 noon-Washers for ladies and Horseshoes for men under the direction of R Barnett and E Alldridge. ///////////////
- 1200-130 First meal.
- 130- 200 Kid's games under direction of F Sawyer and G Wiley.
- 200-230 Ladies games under direction of Mrs Covert, Mrs Gehres and Mrs Phil Hatfield.
- 230 -330 Fone vs CW Ball game under direction of SWL's Humpy Campbell, and Kelly Jones.
- 330 -400 Auction with Ben Zieg and Herbert Muth. (10% to Society)
- 400 -430 Mixed games for all. F Saywer and G Wiley.
- 430 -445 Tug of War. fone vs cw, Sawyer. /////////////
- 445 -530 Second Meal.
- 530 -630 Mens Washers. R Barnett and E Alldridge.
- 630- 700 Door Prizes. Picnic Committee. (The Comm is eligible for the prizes also.)
- 700- 730 Community Sing, Schoettlin, Campbell. ///////////////
- 730- 800 Square Dancing. Schoettlin. ///////////////
- 800 -??? Gabfest, Cards, what have you???
- Master of Cer. Schoettlin, Transportation Bob Wilson 45905, and Paul Robbiane 24060. Amplifier and record player, records, Capt D Covert. Table arrangements LaRue Cleveland and Bill Ballard. Local Donations, H McClellan. Out of Town Donations Fred Sawyer. Buying prizes, Mrs Roland and Mrs Fink. Drinks Al Apple and Daughter. Registrations, \*Mrs Barnett, McGuyer and Cartwright. If for some reason you can't carry through your job, notify cartwright at 49215 or 61062. \*\*\*\*\*.
- One.

Picnic Cont'd. In case of rain the picnic will be held in the shelter house at the same location. So don't let the rain keep you away. Mr Rampy has been given a free ticket in exchange for good weather. If you are a member in good standing, you and your family will be admitted free, but if not, a registration fee of fifty cents will be charged per family. You must be paid up T O D A T E. Arrangements will be made for you to pay your dues, or join the Society at the registration table. One of the prized articles will be a Heathkit VTVM kit. There are lots more also. Signs will be posted to assist you in finding the grounds.

Dope from the President" W9UMS. Sorry I couldn't make the outdoor meeting held at Audobon Park but was vacationing with the family and was out of town. According to reports the meeting was a great success, except the surprise I promised, and as a result, it would be well to plan for similar meetings in the future during the hot weather. I would like to take the remainder of this column in an effort to explain the magnitude of our Annual Picnic. This will be the Third Annual Picnic of Tars and I can promise that this coming event will overshadow all events held by Tars in the past. Through the efforts of E Cartwright, C McGuyer, Al Apple, Gordon Wiley and K Young, all members of the committee, our secretary and many other members and their wives have planned an event which compares favorable with picnics and ham reunions held by much larger radio clubs and advertised widely by papers and magazines. The committee has planned games for the children and ladies, a fence cw ballgame and tug of war, horseshoes and washers, and many other events. The day will be topped with a community sing and square dancing in the evening. Square dance callers and instructors will be present. Valuable door prizes, donated by many dealers throughout the tri state will be given away. I would like to take this opportunity to personally invite every member and his family and in particular those hams who for various reasons have dropped out of the Society. Bring your families and enough food for two meals. Don't forget the regular monthly meeting 31 August at EC. See you there OM.

Dope from the Secretary. W9FJI. Our annual picnic will soon be here. Let's all pitch in and make it an event to be remembered, and one to be looked forward to each year. What you get out of anything is very largely measured by what you put into it. We have a nice list of prizes, none of which could be turned down by those present. More elsewhere on that part. Has your QST expired or is near to expiration? Be sure to let me know in advance so we can keep up to date and work, also towards 100% ARRL membership. Yours truly feels that regardless of how you may look upon certain policies of the ARRL, that fact should not prevent anyone from taking QST. In my opinion, an amateur or anyone interested in radio operating, without QST can be likened to a Minister without his scriptures. Perhaps you already knew FCC is holding off any rule changes until after an informal meeting on 10th of October with ARRL and others. Also the eleven meter band has been changed to extend from 26,960 to 27,230 kcs, and extended the use of NBFM or PM for another year in the same bands as used in the past. CU at Picnic.

Dope from Barnett. W9UIA. July was a fair month for VHF. The 6 mtr band was open 9 days and we had a couple of good 2 meter openings. The six meter Es openings were July 4, 6, 7, 10, 11, 12, 13, 17, and the 25. The best two meter opening I have heard occurred 10 July. From about 8 to 10 PM, due to a tropospheric refraction signals were heard from central and northern Illinois and W8UKS in Burton Ohio (420 miles), was S8 for about 30 minutes. There still isn't any local activity on 2 or 6 meters, even Griffins Mayor (W9GWL) must be out with the heat as we haven't heard from him for about two months. W4LLR has a 20 element beam ready to go so he should be back on two shortly. W9UNT also is expected back on as soon as his new ham shack is done, now we'll see. Due to the lack of space, due to the Picnic, Who's Who on 6 and 2, no got.

Dope from Carwright, W9QLW. Vacations again are taking their toll of DXing. Band conditions have been lousy anyway. "Eager Beaver" McGuyer, 9DGA still workin' by leading the months total with three new ones, I1NU/Trieste, VK1FE Heard Is, and TA3GVU for 108 worked. Mac added ZD4AM, YS1JV, HH2G, UC2CB, and OQ5RA to his QSL collection to tie top spot with 86 confirmed countries. W9UIA latched onto ZP5BL for #80 to hold third spot. Cards were from VQ4SC and VR3A maintained ralph nice QSL return percentage. A VK6 QSL added another zone. W9EHU added JA2AB QSL. W9GHK added nr ten with DL1FN. A recount of zones finds Bill with a couple less. Oh well the first forty are kinda tuff anyway Bill OM. Received nice letter from W9PNE. Andy checked and rechecked his log and comes up with a grand total of 86 worked and 66 verified. A gain of one worked and eight confirmed. Andy moved past W9HQF in zones with one each worked and QSLED to move into 4th spot. Andy would like times, and frequency of rare DX. A good idea, if we can sell the editor the idea who is already crowded for space. Hope to do that when DX season rolls around again. That KX6 is OK andy. KX6 is Marshall Is, KR6 is Ryyku Is, KC6 Caroline Is, If you ever hear'em don't pass'em up. The ole 8ball man, 9QLW with the aid of 9DGA eked out one new one for 112, with I1NU/Trieste. W9HQF Hi Power Al, on vacation up north, so no DX. Also having Rig troubles. Al received card from GC for #53. With a new season due to start soon a little revising of Whos Who is in order. Quite a few of the gang listed have remained static. So in the standings next month, we will retaining those who are actively engaged in DXing, and letting us know you are working. Oil up the gears on tuning drive and pull out the kinks in the antennas and lets get rolling. DX, yep its it.

Whos Who In DX STATION ACTIVITIES..new calls in town are 9hff and

W9 Q L W	86	112	9htt.
W9 DGA	86	108	Bob 9azj graduated from EC and is now at ERI, oper-
W9 UIA	72	80	ates 40 see w, and ten fone...Paul 9nec says when the
W9PNE	66	86	mike goes bad, just grab a pm speaker and keep right
W9HQF	53	73	on going..Earl 9unt is gradually getting his deluxe
W9BBC	49	90	shack into order and soon will be back on the air..
W9GFO	49	82	he also is planing on using fase modulation..Latest
W9WNM	45	54	on charley, 9azu is that he was trying to get on 40
W9EHU	38	75	see w..we ought to elect charley our president too..
W9UMS	35	45	9ums is building new rig..sig shifter..807..813..pr
W9AZU	28	38	250th's in final running a kool kilowat on see w....
W9MRR	25	32	wonder what happened to carty 9qlw at the last picnic
W9EJS	24	34	committee meeting?? ans. he was asleep..here is a list
W9ZZY	21	33	of equipment grimes, 41lr has for sale..bc610e, all
W9THD	18	23	coils \$700.00...sx28a \$175.00..panadapters at \$45.00
W9BBN	12	13	prop pitch motor \$15.00..uhf beam, 4 elements \$25.00
W9TBU	10	15	vhf 152a \$75.00..sx42 200.00..regency 2 mtr booster,
W9GFS	10	15	\$8.00..Spe Amp 2A3's \$15.00..Bud 6' rack \$30.00.....
W9FJI	8	9	Kw rig, all parts dirt cheap..kw PP304TL's Mod 810's
W9CVN	6	12	Sig shiftr Masco Sp Amp \$500.00 CASH..SCR522 & 24G's
W9GHK	6	10	for 2 mtrs \$35.00..W4LLR..9cvn getting primed for his

Life Begins at 40 coming vacation..9ghk planning two 8JK beams for 20..

W9 D G A	32	34	the dx bug has bitten 9ghk...9hqf is planning big kw
W9 Q LW	30	33	20 see w rig..9dga building keyer and breakin device
W9 UIA	28	28	C O N T E S T The Society Contest will begin Sept 1st
W9PNE	26	32	and last until last day of Nov. Each QSL counts one pt,
W9HQF	26	31	and each QSL from a member counts 2 points. Turn your
W9AZU	18	18	QSL's to W9WNM by 31 Dec to be judged. As usual this is
W9EHU	17	28	the standard QSL contest and is open to all Society
W9EJS	16	19	members. Get in on the big fun and get those other
W9BBN	8	8	states for your WAS in TARS QSL Contest. A nice plaque
W9FJI	8	8	will be given to the winner, and certificates to 4
W9CVN	6	11	other places. When you QSO, ask for QSL for TARS-Test.
W9GHK	6	9	three.

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From Henderson

S

Servel Picnic  
 Grounds.

# TRI STATE AMATEUR RADIO SOCIETY \*\*\*\*

Published monthly, as it's official organ, by the Tri-State Amateur Radio Society at 1321 South Governor Street Evansville 13, Indiana.

Affiliated with the American Radio Relay League.

Devoted to improve the Amateur Radio Operator.

September 1949 Clifford C McGuyer, W9DGA, Editor, Vol 2 Number 7. \*

## EDITORIAL

Looking through some old papers I came across an announcement of an organizational committee to form an Amateur Radio Club. First meeting was scheduled for Feb 6, 1947 with the following present. W9's MOK, BBC, ENZ, DGA, JEU, HC, KVE, MDX, FJI, WNM, MWN, GFS, NEC, UMS, GZB, GFO, UNT, and ex9AAY.

This came about as the result of 9GZB, 9WNM, and myself passing the time of the day at Castrup's in Dec 1946. Silverman and McClellan being real old timers, they had some sound basic ideas, and at that time, I had the youth to carry them out. Most all hams in the city were asked if they were interested, but only those above seemed interested enough to attend. Once the ball was rolling most every active ham in the city joined. About a month later the first election of officers was held with 9GFS, pres., 9WMN, vp, 9KVE trea., and 9DGA sec. The first year closed with 72 members and over \$100.00 in the bank.

Election of officers for 1950 will be coming up soon. Begin to give it some serious thought. Before you nominate someone for office, stop to think if he will serve the Society well. You have till the end of Oct to decide.

\\\\\\\\\\\\\\\\Fifteen Dollars\\\\\\\\\\\\\\\\ Only your ARRL has been fighting the battle of holding ham frequencies at the Inter-American Conference.....

News of results coming up in QST soon.

\\\\\\\\\\\\\\\\Fifteen Dollars\\\\\\\\\\\\\\\\ Don't forget the next meeting to be held at Evansville College on Wed.

Sept 28 1949. Be there and if you're behind in dues be sure to see W9UIIA.

## PICTURE HIGHLIGHTS

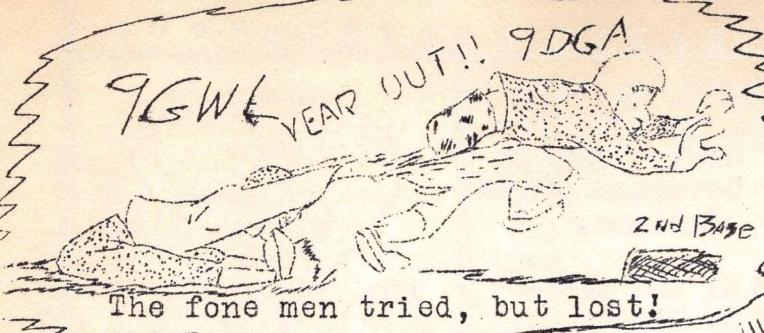
Better than 100 persons attended the annual Picnic held at the Servel picnic grounds. Here are a few of the highlights. Winners of the Ladies contests were, the "Baby Through" won by Mrs Henderson, W4-LQV's XYL, and Mrs Bracket from Morganfield, Ky. The Ladies Washers won by Mrs Cornwell, W4JVB's XYL and Mrs Brenner, the Square Dance Queen. The Marshmellow Eat was won by Mrs Young, and Mrs Zieg, 9EHU's XYL. Nail contest was nailed by Mrs Cornwell, 4JVB's XYL, and Mrs Riney, 9MWN's XYL.

In the mens contest, Washers won by 9NEC and Mr Bracket. Horse-shoes by 9UMS, and Syl Brenner, Square Dance King.

A few of those attending were, W9's GWL, MDX MWM AZJ YPF NEC ZZY DLU NKA GFO DDV FFH DGA QLW HQF EHU AIN EOC GQZ HIW MML ZXP DGC FJI KVE UIA FLU FZX GFS GHK UMS UNT GXT EJS AZU, and W4's, LQV, LLR, PKX and JVB. SWL's, Campbell, Elreich, Muth, Wilson, Mahrenholz, Kochler, Tiebout, Hubbard, Wiley, Roberts, Brittan, Young, Robb Jr, Ganley, Rhein, Brenner, and Brackett.

CW - 8 - FONE -6-

The CW men ran their winning streak to three straight in the annual fone-cw ball games, behind the 8 hit pitching of 9QLW. Carty tired in the 4th and 5th inning and allowed three runs in each frame. He allowed only three hits during the first 3 innings. 9NEC made a nice running catch of 9HIW's long fly ball to center to keep cartys out of trouble in the first. 9's EHU and AZJ paced the CW men on hitting,



each getting 3 hits. All cw men hit safely at least once. The first 3 innings found 9QLW's hurling very effective. There is a rumor around town that 9UMS brought in a "ringer" from Vincennes, Indiana in the name of 9HIW. I do believe if it wasn't for his fine hurling, the cw men would of really had a field day. So much for the fone men.

9DGA found out 9GWL would really make a good football player, Russ was playing 1b, 9DGA hit what would of been an easy double, but on the way to 2b, 9GWL blocked, elboed, pulled, ect, all the way to 2b, both umpires 4JVB, and 9UMS were looking the otherway, and 4JVF called Mac "OUT". Here are the Box Scores.

CW team	AB	H	Phone Team	AB	H
W9GHK	2b	4	Campbell	C	3
W9EHU	SS	3	W9HIW	P	2
W9DGA	3b	4	W9GWL	1b	3
W9NEC	CF	3	W9DDV	1b	0
W9HQF	1b	3	W9AZU	2b	3
W9AIN	C	2	W9FFH	2b	0
W9CVN	C	1	Brenner	SS	2
W9QLW	P	3	Roberts	3b	3
W9AZJ	RF	3	W4PKX	3b	0
W9GXT	LF	3	W9KVE	1f	1
			W9GQZ	cf	1
	1	2	W9MWM	rf	1
	2	3			
	3	4			
	4	5			

CW 0 0 4 1 3 8 runs and 17 hits.  
PH 0 0 0 3 3 6 runs and 8 hits.

Umpires 9UMS and 4JVB. Scorer, Young. Winning pitcher 9QLW, Losing Pitcher 9HIW. Left on Base CW 8 Ph 8. Base on Balls 9HIW 1, 9QLW 4. Strike outs by 9QLW 3, 9HIW 1. Double plays 9NEC to 9DGA. HR 9EHU.

Fifteen Dollars.

"Campus Chatter" by W9GHK.

Well, 9NVN is again back in business without fear of TVI, we hope. We welcome reports of any type interference. Had 3 QSO's with KZ5 with FB reports. 9DDV is working on an osc. 9GHK having lots of fun at NVN. We welcome anyone to our Electronics Club, and to see our fb station.

WACE (Worked all CE). The radio Club of Chile has a certificate award for any foreign amateur who works at least one station in each of the seven radio districts of Chile. Contacts must be after 19 Nov 1945. Verifications must be sent to "Radio Club de Chile" PO Box 761, Santiago. Fifteen Dollars.

A bulletin from ARRL informs us that FCC has extended, for an additional year beginning 1 Aug, NBFM or PM modulation as before in 80, 20, 10, and 6 meters.

Apparently, bona fide licensed US amateurs may receive permission to operate mobile while touring thru Mexico.

On July 1 the 11 meter band was shifted to 26,960-27,230. Please observe this change to avoid citation from the FCC.

The president has appointed 9QLW to take a look see about having more Square Dancing by our Society.

The West Park Radiops of Cleveland are offering certificate awards to any station outside of the State of Ohio who contacts at least ten West Park Radiop member stations after 15 Aug 49. Send info to W8AJW, Chairman of Awards.

Don't forget the annual TARS QSL contest which is now in progress. Give your QSL's to W9WNM before last day of this year.

Do we have your correct address? If you have moved or do move, please notify me with a post card.

While a code practice osc was turned off at Jim's house, it burst into flames. A condenser on the line side of the switch gave out. There are many AC-DC sets around with condensers which are hot all the time, so take heed, men, switch to safety.

If you have a little time on your hands some time go out and see Jake, W9MMR. Who knows he might want a new antenna put up sometime in case he wants to get back on CW.

Do you have that WAS yet? if not gather up the QSL's and send to ARRL and receive a nice WAS certificate. It is not required that you be an ARRL member, but if you are a ham, you should be. Past issues of QST make the best references that any ham could hope for. See the Secretary to renew or join the ARRL, THE BEST.

"YOUR SECRETARY" By W9F J I.

The Big Picnic is of the past. We have yet to meet that lonely person who didn't have a good time. Much praise is due the fellows who worked to make it such a success. I for one am looking forward to next year.

It is good to see so many SWL's at our meetings. We always want them to come as well as the licensed fellows for that is one purpose of our Society. And along that line, I would like to suggest that anyone having troubles, should bring them to the meeting and get cleared up. Again, let me remind you of our QST rate--is yours about to expire or have you ever taken it?

"ABOVE 50 MEGACYCLES" By W9U IA.

Not much in vhf in aug. the 6 meter band was open only once the 9th to Texas. 1 Aug 2 was open, hearing 5JTI in Jackson Miss. ND. Visited 9FVJ in Toledo, Ill and he is a new kind of a ham. He lives about  $\frac{3}{4}$  miles east of Toledo on a 120 acre farm and is only interested in 2 meters. He has pre-amp to a vhf152A and converted sky buddy. Runs 75 watts to an 829B. Has 16 element beam up 70', and a 20 el beam on the side of the house.. Sam has worked 12 states on two meters.

The picnic antenna is up and atten'm on the Naval Armory roof. They really put our a strong sig on 2. We are rebuilding our antennas. Tried feeding 4 el beam on side of house with coax as per article by W3MTE in Sept QST, and it works OK. Have started on a 20 el beam for 2. WHOS WHO ON SIX? WHOS WHO ON TWO?

9UIA	43 states	9UIA	4 states
9GWL	16 states	4LLR	3 states
9DGA	4 states	9GWL	2 states
9FJI	3 states	9NUQ	2 states
9PNE	2 states	9UNT	2 states

STATION ACTIVITIES. 9unt went to ST Louis for meter show..9azj went mobile..9thd at jps..9ern on long vacation, with 20 see w portable... 9ghk has 36 states on 20 and 46 on 40, nw is rcc and mars, and new 8jk. plans new one for europe..9dga got pair verticle 8jk's..9zzy canning earl hoff tvi..9mml has plastic factory across street..9zhx moved to cincinnati..9qlw has new 100 kc osc.

"HOWS YOUR DX?" By W9 Q L W.

Well its a new DX season coming up, so we sort of pared the DX list down, by eliminating those that have not sent in any dope for some time. If your interested, drop us a line on what you've got, and we'll be glad to list you. Hope to recheck soon.

9HQF leads the pack this month with six new ones. CN8, KM6, VP4, ILDI/Trieste, KV4AA and EA8AIX. A QSL from UA3KAA gave one more zone to al. QSL McGuyer, 9DGA finally nailed first place with cards from LX1AS, ILNU/Trieste, FT4AJ, and KH6OT/KJ6 for 90 confirmed. New ones were VP-1AA, and KH6OT/KJ6 for 110. Also UA9CC gave mac a new zone, #35. 9UIA added ZP5BL's QSL, as did 9AZU adding VP5 and VQ3. CT1 made AZU #38. WHOS WHO QSL WKD: W9EJS adds one QSL

W 9 D G A	90	110	and YV5AC and HK1AQ.
W 9 Q L W	89	115	Andy, W9PNE not get-
W 9 U I A	73	80	ting lot of time for
W9PNE	66	86	DX, but hopes to get
W9HQF	54	79	back in soon. That
W9GFO	49	82	MD2GO is a tuff one.
W9EHU	38	75	W9FJI came thru with
W9RZM	38	49	a new run down, now
W9AZU	30	38	totals 15 and 11.
W9EJS	25	36	9GHK also totaled
W9THD	18	23	up and finds 12 and
W9FJI	11	15	9 with an XE, VP4,
W9GHK	9	12	and a G. The "Old

ZONES BEGIN AT 40 Bag of Bones",  
W 9 D G A 32 35 9QLW eked out YV5AO  
W 9 Q L W 30 33 HE1EU and VP2GG for  
W9UIA 28 28 115, and cards from  
W9HQF 27 31 CX6AD, ZB2A and ZD2-  
W9PNE 26 32 RGY for 89 to hold  
W9EHU 18 29 2nd place. A JA2 gave  
W9AZU 18 18 9EHU one more in zone  
W9EJS 17 19 worked and verified.  
W9FJI 11 12 Welcome to the  
W9GHK 6 9 old timer, Frank,

W9RZM, to the ranks with 49 countries and 38 confirmed, all pre-war. Keep us posted frank on what you do. W9CZM Doc Hallam is still pulling teeth in Fairfield. W9CGM has a new 809 final on 20 meter phone, and is modulated with an 815 modulator. (Wonder when carly is going to put out those DX certificates that he promised all the DX-Joes here sometime back?-Ed). W9UIA is reworking both of his ten meter beams in plans for a red hot DX season. Ralpho worked about two months a year on DX, and in that time, usually works as much as anyone in a year, so watch out DX-DOGS.

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Next Meeting.

28 September 1949

Wednesday

Evansville College.

FIFTEEN  
DOLLARS

To: Amateur Radio Station.

Page four.

FIFTEEN DOLLARS

# TRI STATE AMATEUR RADIO SOCIETY

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October 1949 Clifford C McGuyer, W9 D G A Editor, Vol 2 Number 8.

"AS I SEE IT" By W9 U M S.

## EDITORIAL

Next meeting will be the fourth time the members of TARS will be called upon to choose their leaders for the next year. Make your arrangements now to attend, to insure the best for TARS. TARS can be no better than the men you elect as its officers and directors. Be there.

We had nice turnouts for our August and September meetings. Plans are underway for remaining meetings of the year and we expect larger turnouts with the cooler weather. Arrangements are being made for a square dance to be held in the near future and a dinner meeting is being planned for the november meeting.

Don't forget the election of officers to be held at the next meeting, 26 October 1949 at Evansville college. Come prepared to elect some good officers. Remember the jack pot, you must be present, and paid up. See you there.

"YOUR SECRETARY" By Fred Sawyer, W9FJI, Secretary of T A R S.

Fellows, our next meeting is one of the most important of the year. The success of our Society depends on the officers you choose to lead it. Of course, assistance given by individuals is great help, but, it is usually the officers who start the ball rolling. So everyone be at the next meeting, and help get some good men elected, besides, there will be java and sinkers for refreshers. Lets make the Tri-State Amateur Radio Society an organization every ham or would be ham of the Tri-State would want to belong to. Each little effort helps wonderfully. So as a member of our Society plan now to attend, and see to it that we get some good officers.

Don't forget QST, see me in plent of time for renewal.  
page one

"ABOVE 50 MC" By W 9 U I A.

The possibility of working SA on six has stirred up interest on that band. I heard W5jly in Texas working an LU on Sept 30, but still haven't heard any dx here. Two meter interest is again picking up. 9unt, 411r, and 9pne are expected back soon. 9pne, has a new square corner beam up for two meters, 34' high. Got up a new two meter beam here. It is 20 elements, 39' high. It is supposed to have a gain of 15 db or better, and it really is working for me. Have heard 4hhk in Tenn last month but didn't raise him. Fifth harmonics logged last month were, 9dfd S9\*\*\*, 9azu S5 9zzy S2, and 9vju S2. CU on TWO. WHOS WHO ON SIX? WHOS WHO ON TWO?

w9uia	43 states	w9uia	4 states
w9gwl	16 states	w411r	3 states
w9dga	4 states	w9gwl	2 states
w9fji	3 states	w9nuq	2 states
w9pne	2 states	w9unt	2 states

"HOWS YOUR DX?" By W 9 Q L W

The top running quintet are in the stretch run. DX hasn't been too prominent on 20cw. Ten fone evidently has been spotty with stuff on at intervals. 40 is opening up with some fair DX. Mostly europeans, with asians and some south pacifi in between. 7-10 pm seems to be the best time. 20 cw after midnite offers a few rare ones, as does early evening, if you can keep the east coast W's off the top.

Some time back yours truly predicted 9hqf was the man to watch. Al is in full swing now with a pr of 813's running at .75 kws. The last six months QSO's are now pouring in and Al climbs into fourth place with 16 cards, vk9nr, fe8ab, oq5qf, kv4aa, kp6ab, ft4ab, volb, uc2cb, py7ws, km6ao, zklas, calab, vp4tb, zd4am, fo8ac, ad ea8an, for 70 qsl'd. Five new ones are pz1qm, fk8ac, ct1lit, ek1ty, zblau, ad ub5bv for 85 worked. On your horses 9uia and 9pne, the newburg flash is "A cummin'". Al moves into 3rd place on zones with 3 new ones.

The ole-man 9qlw moved back into first place with five cards, vp2gg windward, islamfm, vk9gw, llnu/trieste, and lxlas for 94 cards. hr2hz on forty was a new one making carty 116 countries worked.

Page two

9dga who is battling the bug in the club qsl contest leaves dx to carty, as it is, moved closer to dxcc with 94 confirmed, with, islahk, ta3gvu, cryaq, and vr2bl, 9uia must of felt 9hqf's hot breath on his neck, stepped out with oe7fr, zblah and zs3g for 83, and 2 qsl's zs8b and zb2a for 75 confirmed.

9pne who finds that dx and hay fever don't mix got two new ones in cx3cs and ea8bc for 88. 9ghk sent in a new total of 15 and 12 to move past 9fji. Bill didn't list what he worked but he did snag a zs.

The CQ dx contest is due the endof this month, and next. Don't miss a chance to snag a few new ones in the contests.

"WHOS WHO IN DX"		QSL'D	Worked
Nr 1	W 9 Q L W	94	116
Nr 2	W 9 D G A	94	110
Nr 3	W 9 U I A	75	83
Nr 4	W9HQF	70	85
Nr 5	W9PNE	66	88
Nr 6	W9GFO	49	82
Nr 7	W9EHU	38	75
Nr 8	W9RZM	38	49
Nr 9	W9AZU	30	38
Nr 10	W9EJS	25	36
Nr 11	W9THD	18	23
Nr 12	W9GHK	12	15
Nr 13	W9FJI	11	15

"LIFE BEGINS AT FORTY--ZONES"

Nr 1	W 9 D G A	32	35
Nr 2	W 9 Q L W	30	33
Nr 3	W 9 H Q F	30	31
Nr 4	W9UIA	28	28
Nr 5	W9PNE	26	32
Nr 6	W9EHU	18	29
Nr 7	W9AZU	18	18
Nr 8	W9EJS	17	19
Nr 9	W9FJI	11	12
Nr 10	W9GHK	6	9

ARRL Activities Calendar.

Oct 22nd-23rd CD QSO Party.

Nov 16 CP Qualifying Run W1AW.

Nov 19-20, 26-27 SS Contest.

Dec 13th CP Qualifying Run W1AW.

Jan 19th CP Qualifying Run W1AW.

Jan 21-22 VHF Sweepstakes.

TV Sttuff..A new glass for TV contains no lead and will be lighter and cheaper to produce. Corning it might be said is shaking the lead out of its glass. Are your going to attend next meeting?

" HAM STUFF" .. How are you doing in TARS QSL contest? Don't forget to turn your QSL's in by the end of the year... 9azu worked a G with his mobile rig, got a very fb report toooo... 9unt going to e c to smart-in up a bit.. earle is having trouble with his 813's and is thinking about going to 24G's... 4ogb wants some help converting an ART 13 to ten.. any takers??.. 9BBN has been having modulator troubles, and is off to the windy city for a couple of months... 9cvn has his rig over at 9qlw's house now.. The following is taken from the "Ama-Chewer" the publication of the Indianapolis Radio Club, "Ye editor receives papers from the Tri-State Amateur Radio Society at Evansville, Ind. It is a well made up sheet and is full of news, contests, reports, and activities. They must surely have more pep than we can muster. Their copies will be posted as they arive so read them when you see them on the bulletin board." Thanks OM. 9bax has built a new garage.. 9ihv is a new operator in town and works forty cw.. understand he has whoopy-dyne trouble.. 9azu has been seen climbing his beam, guess getting ready for the fall and winter dx season.. SCOOP W 9 H T T is going to ten meter radio-telephone..... 9fji needs a copy of july 48 CQ, if you have one call 406086 in a hurry.. Boy wonder why our Society don't make plans for getting their own meeting place.. clubhouse, station?? surely we could get a club call and transmitter... why not have two meetings a month.. one for the business and other for program, now we only get together twelve times a year which is not much.. why we don't even get to know each other. John, ZS5JR is on the watsh for Evansville hams on 28,286 kc about 10 am.. theres a zs for you.. 9cvn the "hot rod kid" has one of the best recivers on the market, an HRO. Boy wish I had one.. Understand 9UMS is still building that kw for cw.. when you going to get it done Al?.. SWL Director Campbell passed 8 wpm on his code speed. fb humpy..... Are you prepared for an emergency? Could you get a message out if the AC was off? Join AEC today. Call Philip Hatfield for the info.....

The fone men are still crying about that ball game the cw men beat them in at the annual picnic Did you have a good time at the picnic? Well good then, join TARS today, or pay those back dues. (UIA) will be glad to take your mozuma... 9gfo building another new rig.. also has new enlarger for fotos.. 9pne working on new 2 mtr beam.. also has hay fever, as does 9gfo.. 9gfs, 9qlw, 4mwx, and 9dga report into the Ohio River Emerg Net.. 9Pne raised his 80 meter antenna to 40 feet with a new mast.. Are you a mobile man?? well then listen, NOW hear this.. 9fji has for sale, a fb mobile rig, with 815 final amp running about forty watts.. it is built over a pe-103 and can be easly taken out and used as a home rig.. it used relasy in the filament and high voltage circuits.. also has coax antenna relay.. pr 6f6's for mddulation.. it uses 40 meter crystals, all this for the low price of, he didn't say, but see fred, fji today.. 9qlw should be putting out some of those dx certificates, soon I hope.. 4jvb is giving 75 fone a work out.. shorty still clips people in Morganfield.. 9gfs is our ec.. 9wnm is our sec.. did anybody find a loose fifteen dollars laying around anywhere???.. if so give it to the treasurer.. 4mwx is handling gobs of tfc in kyn net.. have you switched to safety yet,, evansville college has a new TV receiver.. members of Electronis club put up a channel six Yagi beam antenna.. good reception of WFBM TV was had.. 9ghk report's that membership in the EC club has been very good this year... also have some prospective hams.. all of the lisensed operators there will graduate this june... 9ihv, joe hennel is new ham in town.. 9hrh also new ham in town, 1905 Aviation ave, works at Servel, WMLL uses four final tubes that each cost \$120. \$-1000-A Eimac.. 9ghk and 9hqf have been caught DXing together on twenty cw.... WEOA's final is a pair of 810's in parallel, driven by an 807, by and 807 oscillator.. Don't forget the next meeting, elections of officers. See you there. 73..

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Ralph Barnett, W9UIA, Advertising Mgr,  
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Evansville 13, Indiana. Phone 5-8527.

Next Meeting.

26 October 1949

Wednesday

Evansville College

Election of Officers

Sinkers and Java.

Wonder what happened

to our Fifteen Dollars.

Do you think it is lost for good?

Its a shame, isn't it.

To: Amateur Radio Station.

# TRI STATE AMATEUR RADIO SOCIETY

Published monthly, as it's official organ, by the Tri-State Amateur Radio Society at 1321 South Governor St., Evansville 13, Indiana.

Affiliated with the American Radio Relay League.

Devoted to improve the Amateur Radio Operator.  
Happy Thanksgiving.

November 1949 Clifford C McGuyer, W9DGA Editor, Vol 2 Number 9.

## EDITORIAL

Another election of Officers has come and gone, making our Society another year older and wiser, I hope. For the Officers elected, see the article to the right. The turnout wasn't as good as it should of been, but it seems like every election most members stay at home, so they won't be elected to an office.

After the election, there were plenty of sinkers and coffee for all and made it one of our better meetings.

Don't forget the big dinner meeting to be held 30 November at the KC Hall. See Fred Sawyer for the details.

"AS I SEE IT" By W9UMS.

Thanks for the appreciation expressed by the members towards the past officers and directors at the last meeting. I sincerely hope that the year ahead will be more prosperous than the past.

Committee chairmen have been appointed and I believe we can expect a lot of new events in the future. The following is a list of committees and chairmen selected thus far. Program, J Clemens, Fay Gehres, Gordon Wiley. Membership Charles Long and Jim Mahbrey. Publicity, Allen Apple. Emergency Phil Hatfield and Mac McGuyer. Activities, H Campbell and Wilson. Historical, Fred Sawyer. How is that for a list of go getters?

I have noticed that the attendance at past meetings have decreased for some reason or other. Even donuts and coffee failed. Next page.

page one.



Al Schoettlin  
W9UMS  
President

Pre-War  
Ten Meter  
Phone Man.



Al Apple, W9HQF,  
Vice President,

A real ole-timer  
Al DX'es on 20cw.



Fred Sawyer,  
Secretary  
W9FJI

Fred works Ten  
and six meter  
Phone.



Ralph Barnett,  
W9UIA.  
Treasure.

Ralph works only  
High Frequency  
Phone.

"AS I see It", Cont'd.

How about some suggestions for better meetings and for better programs? With the passing of the summer and fall months, perhaps, we can expect a larger turn-out for our meetings.

Don't forget the dinner meeting 30 November at the KC Hall. Return those cards to the Sec as soon as possible, or call Fred Sawyer. Heres the menu. Fruit Coctail's, Turkey, Dressing, Mashed Potatos, Lima Beans, Combination Salid, Coffee, and Cherry Pie. Let's have a big turn-out.

"YOUR SECRETARY" by W 9 F J I.

The election meeting has come and gone. Again there are those fellows saying, "Gosh, I wish now that I had gone." Ye Secretary has learned that you get out of a thing just what you put into it, and the Society is no exception. The men you have selected as your officers for the next year, are planning even better things than have occurred during the past year and are counting on each members help.,,

How many of you fellows buy from our advertisers? It is through their generous aid that we are able to publish TS each month, so do your part to help. Also don't forget those who donated prizes for our August contest and those who won a prize, did you write a thank you note to its donor? I am still looking for those QST subscriptions, either new or renewal. And boy, am I waiting for that FB Turkey dinner at the KC hall, 30 November. CUT.

" ABOVE 50 MCS" By W9UIA.

October was a pretty good month for the two and six meter man, providing he was on at the right times. Three times last month, north to south american contacts were had on six. The best opening was Sunday 23 Oct when LU's and HC stations were heard and worked by stations in the USA. As usual 9uia missed the openings. Two is picking up now. After two weeks sked we worked w4hhk in collinsville, tenn. 230 miles and state #5. Worked him the 14, 15 and the 16th.

We now have an 8:45 p sked with w4fwh in Nashville and are able to make contact about twice a week. Also have a tues and thrus night sked with w9ued in carbon-dale Illinois. The twenty element beam is really working fb now, sure wish I had one for ten. Our square corner beam experiments so far show no more gain for it than a 4 element beam. We will soon have it ready for 420 mc. Also for 420 a 20 element beam up 50' will be ready. Visited W9pne, Andy, in Mt carmel and found him ready for two. W9unt is building a twenty element beam after hearing how mine is working. Earle is expected back on two shortly. Two meter harmonics of the month are, 9thd/mobile at wash and weinback S5, 9dfd S9++++, w9ddw S8, 9azu 569x, 9zzy S3, 9ypf S3, 9rcd S1, 9fji, S1, and 9ehu S1. CU on two meters.

"HOW'S YOUR DX?" by W9QLW.

Reports have been sparse this month. A couple of our old stand-bys failed to come thru with the info this month. The Newburg flash is still the consistant one with the following new ones, MI3ZZ, KG4AG, UAOKFD, HA5C, VP1WS, EI1N, VP3YG, and VQ4HJP. KG4AG's QSL made al &l confirmed.

W9DGA next in line with seven new ones with ZB2I, VP2LA, Windward, 4X4RE, M13AB, VQ4HJP, UD6AH, and SP5A0 for 117 worked. Cards were received from VP6PV, VPLAA, PZ1QM, and PJ5RE for 98 confirmed.

W 9QLW picked up VP1WS for 117, and received cards from VP6PV, VP3OW, HE1EU, UD6AG, and YV5AO for 99. Vo6X and UD6AG gave cartys 32 zones confirmed.

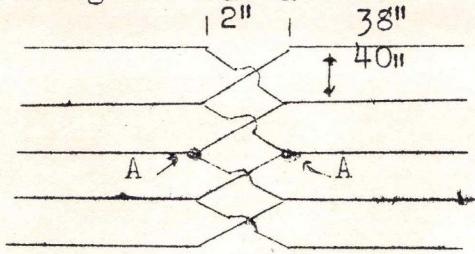
From ten fone, comes 9AZU with  
HK3AR, VP4CF, ZP5BL, and VP9G for  
42, FB Charlie.

The CQ DX contest gave the boys a chance at some new ones. 9uia and 9ghk report now new dx this month. It seems as if 9hqf, has his eye on that 3rd place held by 9uia for all these months. Also Bill, w9GHK has sworn to get out of his 11th spot. Don't forget the last portion of the CQ DX contest next month, and by all means don't forget the big ARRL test next year.

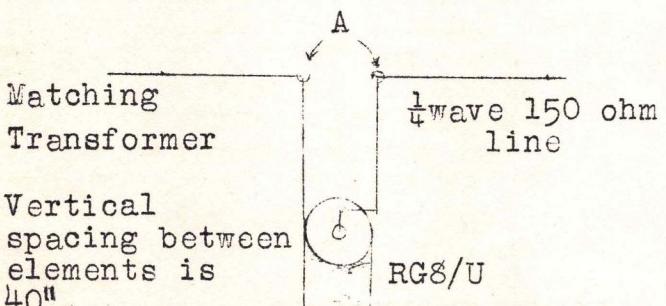
WHOS WHO IN DX	LIFE BEGINS AT 40.
W9QLW 99	117 W 9DGA 32 35
W9DGA 98	117 W9QLW 32 33
W9UIA 75	83 W9HQF 30 32
W 9HQF 71	93 W 9UIA 28 28
W 9PNE 66	88 W9PNE 26 32
W9GFO 49	82 W9EHU 18 29
W9EHU 38	75 W9AZU 18 18
W9RZM 38	49W9EJS 17 19
W9AZU 30	42 W9FJI 11 12
W9EJS 25	36 W9GHK 6 9
W9GHK 12	15
W9FJI 11	15 Report your DX.

#### My Twenty Element Beam. By W9UIA.

This beam really works FB for me. It is for two meters, and good readable signals can be copied on this beam when inaudible on a 4 element beam 50 ft high. Elements are  $\frac{1}{4}$ " aluminum tubing, mounted on 2 x 6" plexiglass. The supporting pipe is  $\frac{1}{2}$ " thinwall conduit with a 3ft 3/4" thin wall extra support for the bottom. The antenna is mounted on side of the house with the bottom bay 26' and the top bay 39'. 40" reflectors are spaced 17" behind the radiators.



Center Bay,



Ham Stuff from Here and there..... An SWL has been appointed activities manager..9azu, 9ain, and 9hqf have seen 20 or more years service and should be eligible for the OTE.

Here are some of the local CD appointments in our organization.... SEC, 9mwm, EC, 9gfs, ORS, 9dga, 9gfs, 9qlw, and 9ghk, OES, 9uia, and 9dga, Some of the award holders of CD are WAS, 9uia, 9dga, 9qlw, and 9ghk, WAC, 9uia, 9qlw, & 9dga.

RCC, 9dga, 9qlw, and 9ghk. the above dope supplied by 9QLW. A good booklet is available from ARRL called "Operating an Amateur Station", gives all the poop on being an Amateur and how to properly operate your station. It's free to members. 9ghk is a mars station..If you would like to see some ham beams, just drop by 9uia's antenna farm..9vqw is about to go mobile, JD being on the night shift, is unable to get to the meetings..9thd has a new mobile beam, the other day worked a vp7 from Reitz Hill(Lovers Corner to U older ops)..It is a two element using bamboo poles and feed with co-ax....40GB is ECffor the henerson area..Jack has a nice fonepatch, and is building a boat, marintime mobile no doubt..9swn is building a rig for his buick..guess youse guys can forget all about the come on of our DX editor about those lovely DX certificates, about like some of the DX stations on QSL's..just don't come thru..9ums is slowly coming along with his kw 40 seew rig..9gfo is building new qth..9bax has just about finished his garage..9cvn has a new qth, model airplaine, and is thinking of getting a commercial rig to go with his HRO..Humpy campbell has now jpassed 11 wpm.fb..Jake Heugel wMRR is in Boehne Hospital for a stay. Visiting hours are, Thursday 3pm till 4 pm, and Sunday 2 pm till 4 pm. I'm sure jake would appreciate a little of the "OleHam Spirit being displayed..enuf said..let's all get out and see jake better..John Gamley has moved the super deluxe monitoring station to our fair city..John can tell you all about your signals... 9azu having the time of his life back on 40 seew.111..skipper quinn 4jqv, has been under the weather a lil. also has been building a 450Th rig for a new final, this by the way from 40gb..9unt has a pr of 24G's on ten fone and puts out a clean signal, it cleared up his bci..9ypf also putting on a pr of 24G's..drives them with a TBS - 50. Don't forget the big dinner meeting to be held at the KC Hall 30 November at the regular meeting. Also don't forget the Jack-Pot to be given away then. If you have any suggestions, complaints, or any ideas on the possiblities of programs, drop me a line, and I'll see the committee chairmen gets the info... page three.

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that Christmas Gift.  
Start dropping those  
hints.

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1321 South Governor Street  
Evansville 13, Indiana, Phone 5-8527.

Next Meeting.

Wednesday.

30 November 1949.

Big Dinner Meeting.

\*KC Hall .

Sharply at 6:30 PM the  
Dinner starts .....

To: Amateur Radio Station.

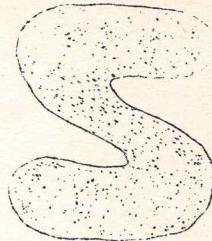
# TRI STATE AMATEUR RADIO SOCIETY

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Affiliated with the American Radio Relay League.

Devoted to improve the Amateur Radio Operator.

Merry Christmas



December 1949 Clifford C McGuyer, W9DGA Editor, Vol 2 Nr 10.

## EDITORIAL

I would like to thank the members of the Society for allowing me the opportunity to Edit "TS" for the past two years. It was a lot of fun, but still a lot of work. Naturally I could not please everyone, but I hope that I pleased the majority. Good luck to who ever takes over.

Would like to thank Ralph Barnett W9UIA, for acting as Advertising manager of "TS" this past year, and for the fine articles he has submitted for publication.

Also in every edition you found articles by Carty Cartwright, W9QLW, and Fred Sawyer, W9FJI. Many more members submitted one or more articles, and I take this opportunity to thank all. Last but not least, must thank Carl Wolf of "Ohio Valley Sound Service", Earl Hoff of "Wesco Radio Parts", and Paul Castrup of "Castrup's Radio Supplies" for their good will by advertising in "TS".

At the last meeting, members received copies of our revised constitution. The work on this project was done by Ben Zieg, W9EHU. I suggest you read this document, see how clear and concise it is written. The form is excellent. Next time you see Ben, give him a pat on the back and say well done. A fine Piece of work Ben.

Don't forget to give your QSL cards from the Society QSL-Test to Harold McClellan, W9WNM, before the end of the year. Mac will again act as judge in the contest.

page one.

## DXCC

Two local amateurs have received the first DX Century Club awards in this area. They are in order as follows,

#786 W9DGA, McGuyer.

#793 W9QLW, Cartwright.

To become members of the DXCC an amateur must submit to ARRL 100 QSL cards from 100 different foreign countries. Quite a feat.

"YOUR SECRETARY" By W9FJI.

From here, it seems as though that very FB Annual Dinner was one more of the swell meetings we have had that was enjoyed by all who were there. And from reports, future meetings are being planned that should prove interesting to every member. With everyone in there pitching, 1950 should prove a good year for TARS.

Still more on that same topic, see the Secretary early on that QST/subscription, either on new or renewal. An when you see an item in the news about a TARS member, any amateur or, about Amateur Radio, sure would appreciate getting it from you in some way to help compile a history of the Society.

Last but not least, I would like to wish everyone a very Merry Christmas, and lots of FB DX QSO's in 1950.

"ABOVE 50 MC, By W9UIA.

VHFing wasn't too bad last month considering that this time of the year is really the poorest

for vhf. We had two nice Es openings on six meters. On nov 1, 7-11 pm NJ, NH, Mass, Pa, VEL, Conn, NY, and on Nov 16 the band was open to W5's. Two meters was below average all month, but the following stations were worked. W4FWH in Nashville, W9FVJ in Toledo, Illinois, W9UED in Carbondale, W9BLF/4, and W9DGA, Mac is still tongue tied-no modulator-.

November 26th we ran some very interesting checks with W9ERN. While I just rested and gave reports John worked with his transmitter until he brought an S 5 fifth harmonic down to zero. No signals from W9UNT or W4LLR yet, but both are expected on two again soon. Two meter harmonics heard last month were W9DDV S9, W9ERN mobile S9, W9RCD, W9FJI both S1, and W9ERN S5-harmonics reducer expert now-S0.

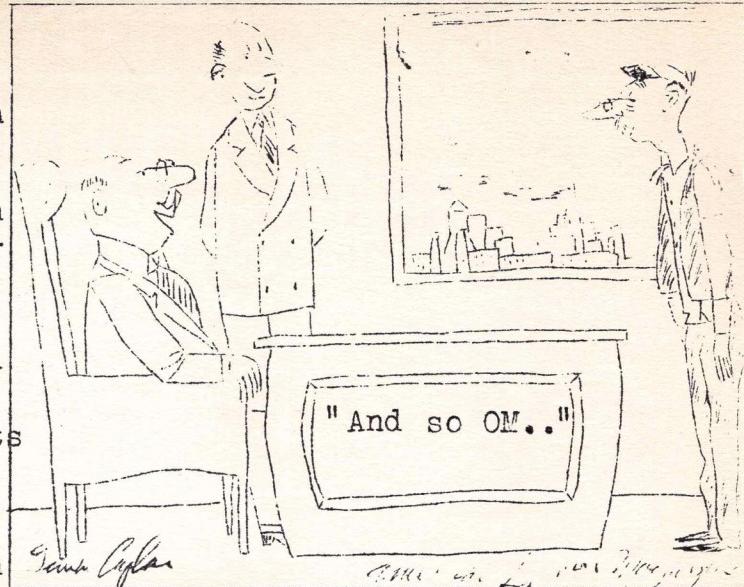
"HOW'S YOUR DX? By W9Q LW.

Flash! We made it. Mac, W9DGA, and the oleman, W9QLW staggered into the DXCC after long years of sleepless nights, gallons of coffee, and cartons of cigarettes, (9DGA don't smoke). Of course the boys still walk around with the twitching fingers(bug hand) and a vacant stare. Both ears have developed to a large degree and on the slightest sound can be seen to quiver and vibrate(sounds like a ten cent novel); but if I'm not mistaken these are the first Etown entries into DXCC.

W9DGA received cards from PJ5RE, HZ1VP, and ZB2I for 101 confirmed. HZ1VP made Mac a new zone confirmed. W9QLW got KB6AJ, and KX6AF to tie Mac at 101 each.

Al, W9HQF worked four more for 97 total, YC2BU, UD6AH, VP6WH, and FQ8HC. W9AZU got number 31 verified with an OX3 QSL. W9UIA has 84 now with VPIWS qso'ed and EK1RW, FA3JY and VPIWS QSL's for a total of 78 to stay ahead of W9HQF.

W9PNE, the Illinois Kid, comes out of the tall corn, to drop in his contribution of FE8AB worked and FO8AC, and ZD4AB QSL's to go up two points in the standings. Andy reports DX is rampant on 80. W9FJI reports a card from OZ4P. With 9HQF off the air with VFO troubles page two.



and general overhaul of his rig, 9PNE tied up with 6 and 2 meters, 9DGA and 9QLW off DX for a rest and change of pace, 9UIA on VHF, it looks like DX for next month will be at a minimum.

WHOS WHO IN DX LIFE BEGINS AT 40...

W9QLW	101	117	W9DGA	33	35
W9DGA	101	117	W9QLW	32	33
W9UIA	78	84	W9HQF	30	32
W9HQF	71	97	W9UIA	28	28
W9PNE	68	89	W9PNE	26	32
W9GFO	49	82	W9EHU	18	29
W9EHU	38	75	W9AZU	18	18
W9RZM	38	49	W9EJS	17	19
W9AZU	31	42	W9FJI	11	12
W9EJS	25	36	W9GHK	6	9
W9GHK	12	15			
W9FJI	12	15	Report your DX....		

A HIGH STABILITY VFO AND PM EXCITER

By Paul Robbiano, W9NEC

Just about any amateur who enjoys building ham equipment for the pure sake of doing something with his own hands rather than buying ready-made equipment, usually finds himself getting into a "rut" sooner or later. He may turn all of his attention to homebrewing receivers, antennas, frequency meters, or many other pieces of ham equipment, any one of which being capable of giving the conscientious experimenter a case of creeping frustration. Such proved to be the case of the author when he attacked the problem of arriving upon a suitable VFO design. About a year or so, ago, before the introduction of the Clapp oscillator, much attention had been given to the "Franklin

Oscillator". The results with this circuit were pretty gratifying and were described in a past issue of TARS.

The introduction of the Clapp circuit provided new fuel for the fire, and an investigation of this circuit was started. After a few checks, it became evident that the claims made for the Clapp circuit could be substantiated. The circuit had good possibilities, and the problem that remained was adapting the circuit to fit my particular needs.

Having always had a rig using a keyed crystal oscillator with its many advantages, particularly for break-in operation, it seemed that no VFO could be practical unless it was capable of being keyed without objectionable frequency shift or "chirp" even on its ten meter harmonic. The VFO circuit shown below seems to meet this requirement to a very high degree. W9GFS is probably the only person who has had the opportunity to make close listening checks for chirps or key clicks on ten cw. His report at the time of the checks was very favorable. Laboratory checks have also shown that frequency shift with keying is at a minimum and compares closely to the keying qualities of properly keyed crystal oscillator. Variation of oscillator plate voltage from 150 volts down to about 15 volts, where oscillation apparently ceases, results in a variation in frequency of less than 100 cycles.

Inspection of the circuit diagrams indicates that the circuit is conventional in most respects, except for the oscillator. A 6J6 with both triodes connected in parallel is used instead of the conventional single triode. This in effect doubles the mutual conductance of the tube and allows the use of much larger "swamping" condensers than would be possible with a single triode, such as a 6C4. As a result two 1680 mmf silver mica condensers are used instead of the usual 1000 mmf value, which is about maximum for a conventional Clapp circuit. The higher mutual conductance achieved in using a parallel connected 6J6 also allows the use of a higher L/C ration in the tank circuit. This also is

desirable feature from the frequency stability standpoint in a Clapp oscillator as has been pointed out by several publications discussing the theory of this oscillator. The net result is an oscillator in which frequency drift due to thermal changes in tube inter-electrode capacities can be neglected. In fact the change in frequency resulting from wrapping one's hand around the 6J6 tube is barely noticeable. On the other hand the relatively high L/C ratio used has apparently resulted in a VFO with a dynamic stability approaching that of a good crystal oscillator.

A few extra precautions were found to be necessary in getting optimum results from the unit shown below. Air trimmers only should be used for padding capacity to set the frequency range of the oscillator. Zero temperature variable ceramic condensers should not be used!! A 100 mmf APC with a lock shaft is very appropriate for this purpose. A good double bearing condenser is very satisfactory for the band-spread tuning function. A split-stator condenser, as has been shown in QST, is not desirable for this purpose unless extreme care is taken in insulating the rotor shaft and confining the rf present on the ungrounded rotor shaft completely within the tank shield can. Be sure to lay out the unit in straight forward fashion and not try to save space by building it around a corner. This may lead to undesirable coupling between the 6AG7 doubler stage and the oscillator resulting in decidedly bad effects on the oscillator frequency stability as well as its note. One final precaution - a rather high Q tank circuit should be used in the 6AG7 doubler stage to realize high Q and consequent discrimination against undesired oscillator harmonics which will otherwise appear in the VFO output.

For those who are interested in occasionally working a little phone, the schematic of the phase modulator unit is also shown as it is now used at W9NEC. Basically, it is the Sonar System of PM adapted for use with this particular VFO unit. (next page).

Both the VFO and the Phase Modulator unit can easily be fitted into 9 x 11 x 11 $\frac{1}{2}$ " along with the power supply for both units. A triode unit from one of the 12AX7's is left over and could be used for a 500 kc oscillator if desired.

The tuning range of the oscillator is 1.666 to 2 mc. This range permits getting a beat note with WWV at the low end of the VFO Dial for frequency checks. RF Unit parts.

### RF Unit parts

L-72 turns #26 PE spaced with  
#28 PE on 2" dia form.

L2- 33 turns #24 PE on 1 1/8" fm.  
All C by pass cond are 0.01 mfd.

Cl-3 plate midline condenser

C2-100 mmf apc

C3-1680 mmfd silver mica

C3-1680 mica silver mica  
C4-1680 mfd silver mica

C4-1880 mmf silver mica  
C5-100 mmf B1 100 K

RI 100 K  
B2 1 meg

C6-5 mmf R2 1 me  
C7 250 mmf B3 470

0/- 50 mmf R3 470  
28 30 mmf BII 82

08-30 mmf R4 82 K  
00-56 mmf RF 230

09-56 mmf R5 270  
010 100 mmf R6 15 v

616-100 mmf R6 15 K  
611-01 mmf B3 1000

CLL-81 mmf R7 10  
CLL-100 s K.K.

C12-100 mmf apc K Key  
C12-70 S DEG 21 unk

C13-30 mmf      RFC 2½ m.

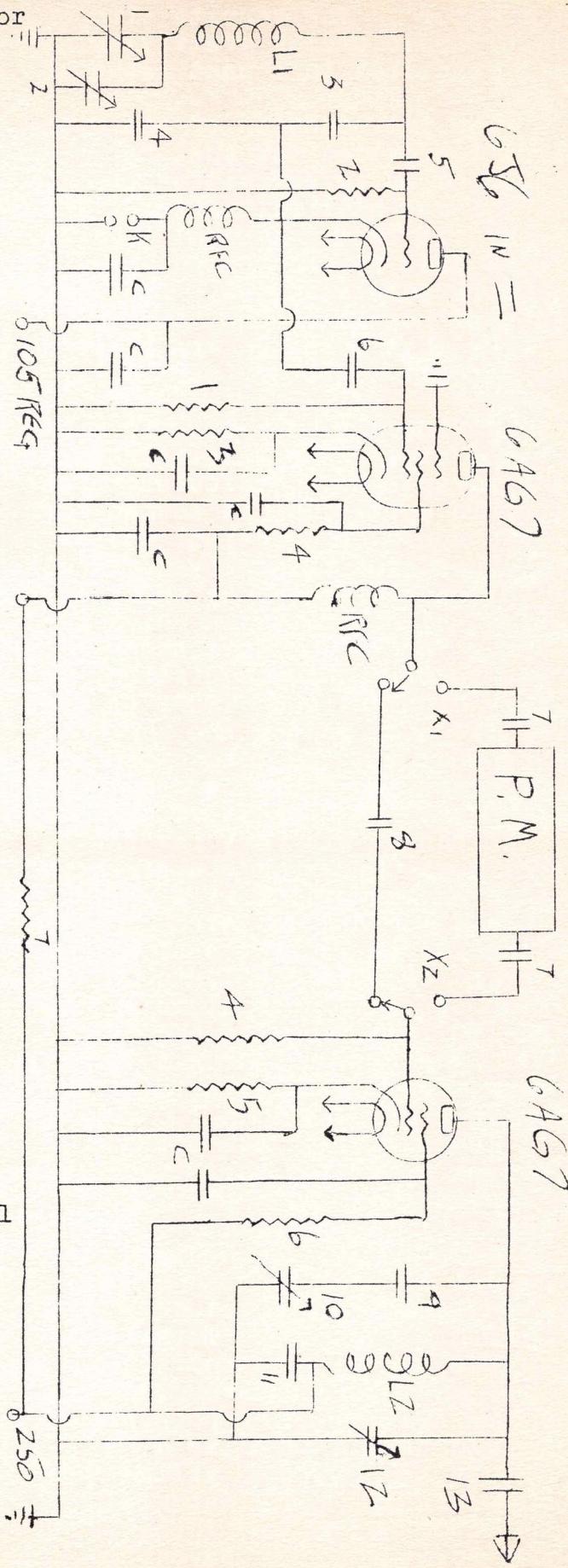
Condensers C1 and C10 are ganged.  
Phase Modulator Unit coils.

L1 = 85 turns #36 PE  $\frac{1}{2}$ " dia slug tu

From here and there..Mobile rig  
RK64 tritet oscillator, RK 64 dblr  
RK59 final, LA4 speech, RK59 Class  
B modulator, rebuilt from police  
service on 35 mc, city of Indpls.  
Complete with pwr, cables and  
mike..See W9GWL Griffins Mayor...  
From W9QLW we hear that W9DGA and  
W9QLW are back in the Indiana QIN  
net on 80 meters and trying to fill  
in WAS on 80, 40, and 20 meters.  
W9ghk besides working mars net,  
has joined QIN net on his nights  
off...Sprig, w4mwx, is a regular  
on Ky net on the low end of 80...  
9gfs, 9qlw, and 9dga are members  
of the ohio valley river net whcih  
meets each month and has sec ec,  
w8upb in cincinnati as net con-  
trol. drill is on 80. 9qlw act-  
ed as ncs on the last drill....

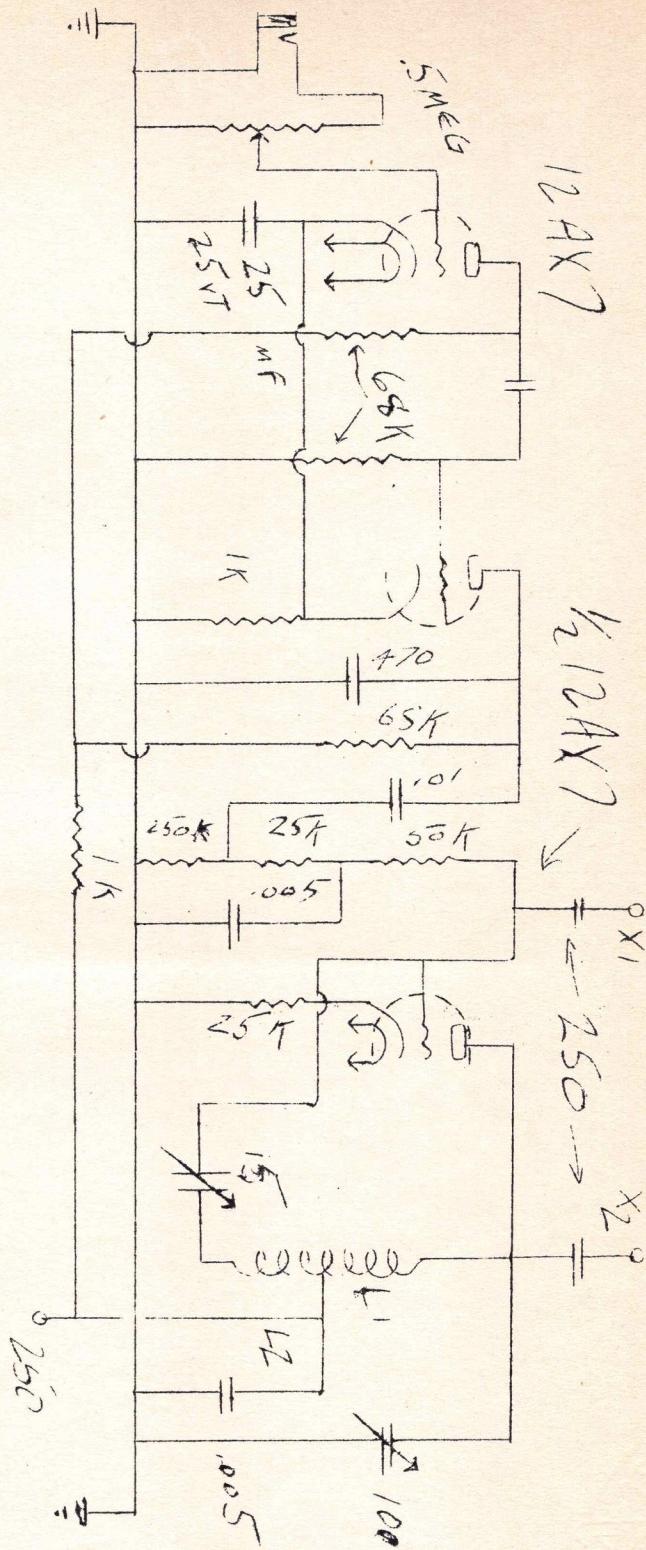
9dga is co for arrl...9pne really runs up large score in the yearly SS contests...runs a 24 G toooo...

Seems like bob, 9azj is learning  
to knit. while john, 9ern has been  
conducting some antenna and feed



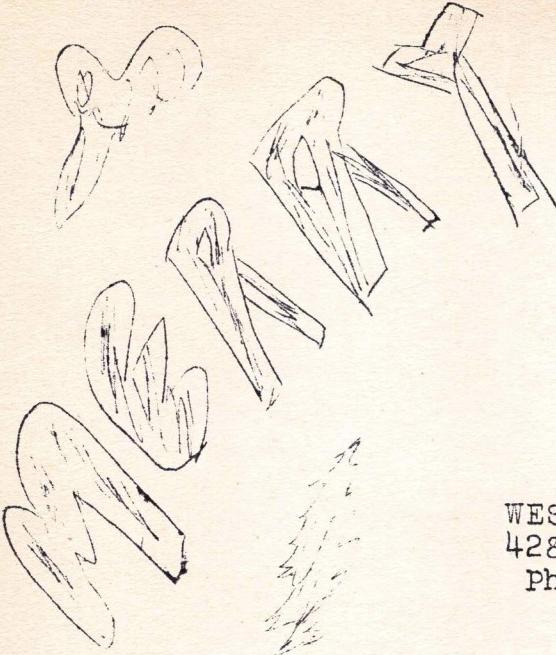
## VFO Exciter.

line experiments..John needs an automatic window operator..... Louis of W9RCD fame, is pleased with his TBS-50 transmitter and keeps the mobile boys happy, by giving them some one to talk tooo. John 9imi added a pre-amplifier stage to 9rcd's rig, and fred of fji says that the t-17-B mike really puts out.....Fred is QRT, the jr operator will take over the shack as Chief Operator of the E, Va, RR Co about Christmas, look out for 9fji about 1955... this I don't get.....FJI got a QSL card from OZ4P..see they do QSL fredl...From Fred Sawyer, who got this from John Ganley, we learn that the guy who:----- Is so dumb he thinks a banana plug is used to seal a half eaten banana, thought an ohm was the "ouse of an'or", thought a swinging choke was a hangman's noose, Who went to all the hardware stores looking for bolts and nuts to fit the taps on a transformer.. Who thinks that B Batteries come from Bumble bees, and get this, thinks spark gap is a hole in a fence where lovers meet, boy I can't go on.....Our SWL director, Howard "Humpy" Campbell will soon join the ranks of the license hams soon. Humpy took the exam on 13 december and is greasing up his arm in anticipation of the great day. Humpy plans on working 40 meter cw until the gets his WAS award, at which time he might try a little 10 meter phone.... He has the makings of a good CW man, for he has rhythm in his sending....W9GFO has a new home, W9BAX is under the weather, hope you are better now Bill, Jim, W9CVN, has a new Signal shiffter, W9GHK is a Mars station...W9UIA has some new antennas up..... W9DGA and W9QLW have looked over W9HQF's antenna farm..quite a farm tooooo....W9EHU has the best NBFM signal in these parts..really sounds vfb Ben....Boy the last meeting was really a lulu. Every body seemed to enjoy them selves. A lot of new faces were seen..Did you see the ole timers all in a row there? W 9GFS, W9AIN, W 9WNM, W 9HQF, and others, even the "Shorty the Barber from Morganfield Ky was



Phase Modulator Unit.

there..Say did you know that Shorty now has a new auto, so we can now expect shorty at all the meetings. Everyone found out why 9GWL is the Mayor of Griffin. He gave quite a long talk on just stuff..... Boy what a cigar he smokes..... John Evans, W9HRH, attended the meeting and seemed to enjoy himself, maybe he'll be back, we hope.



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